

Fig. 1

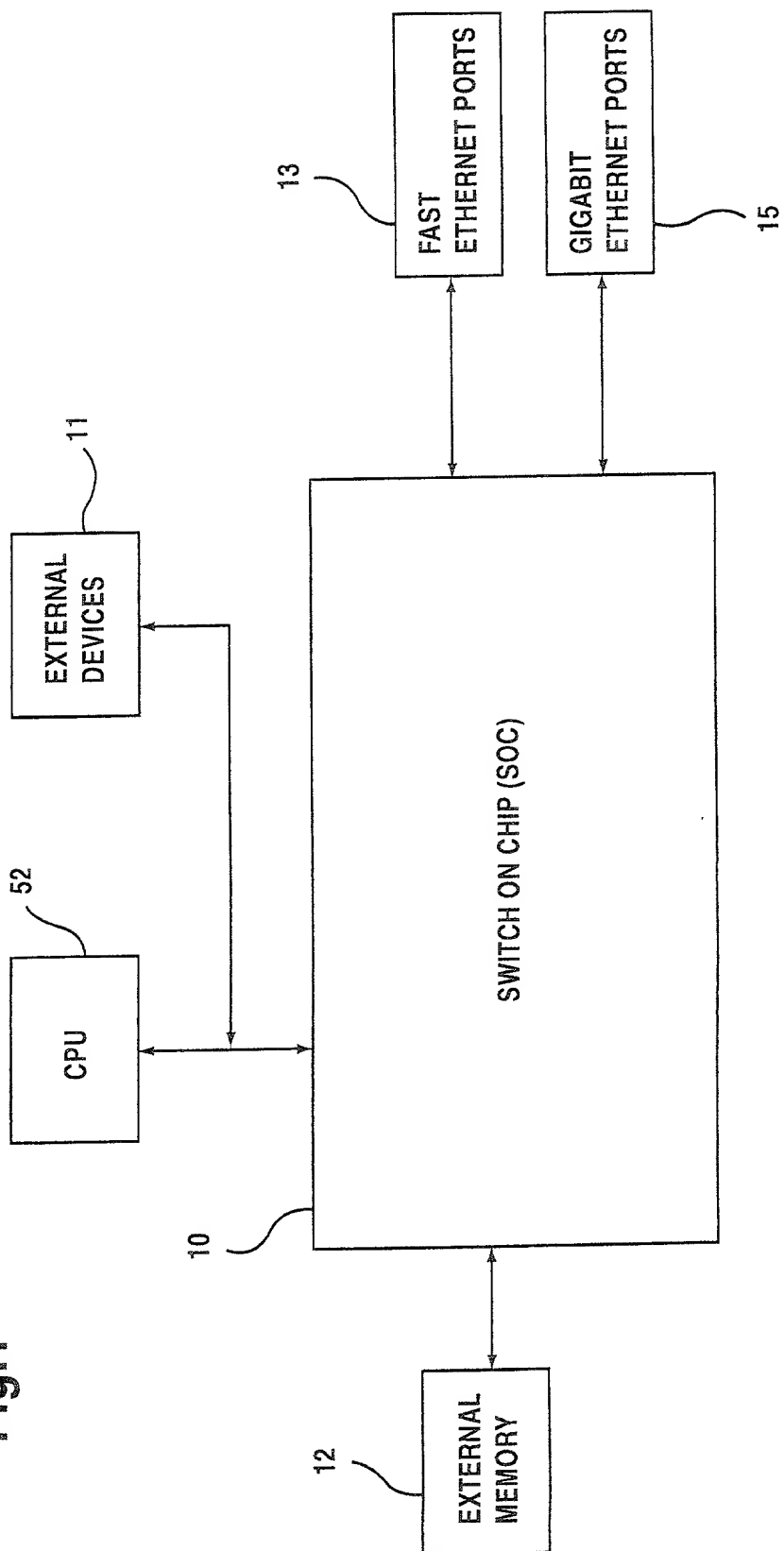


Fig.2

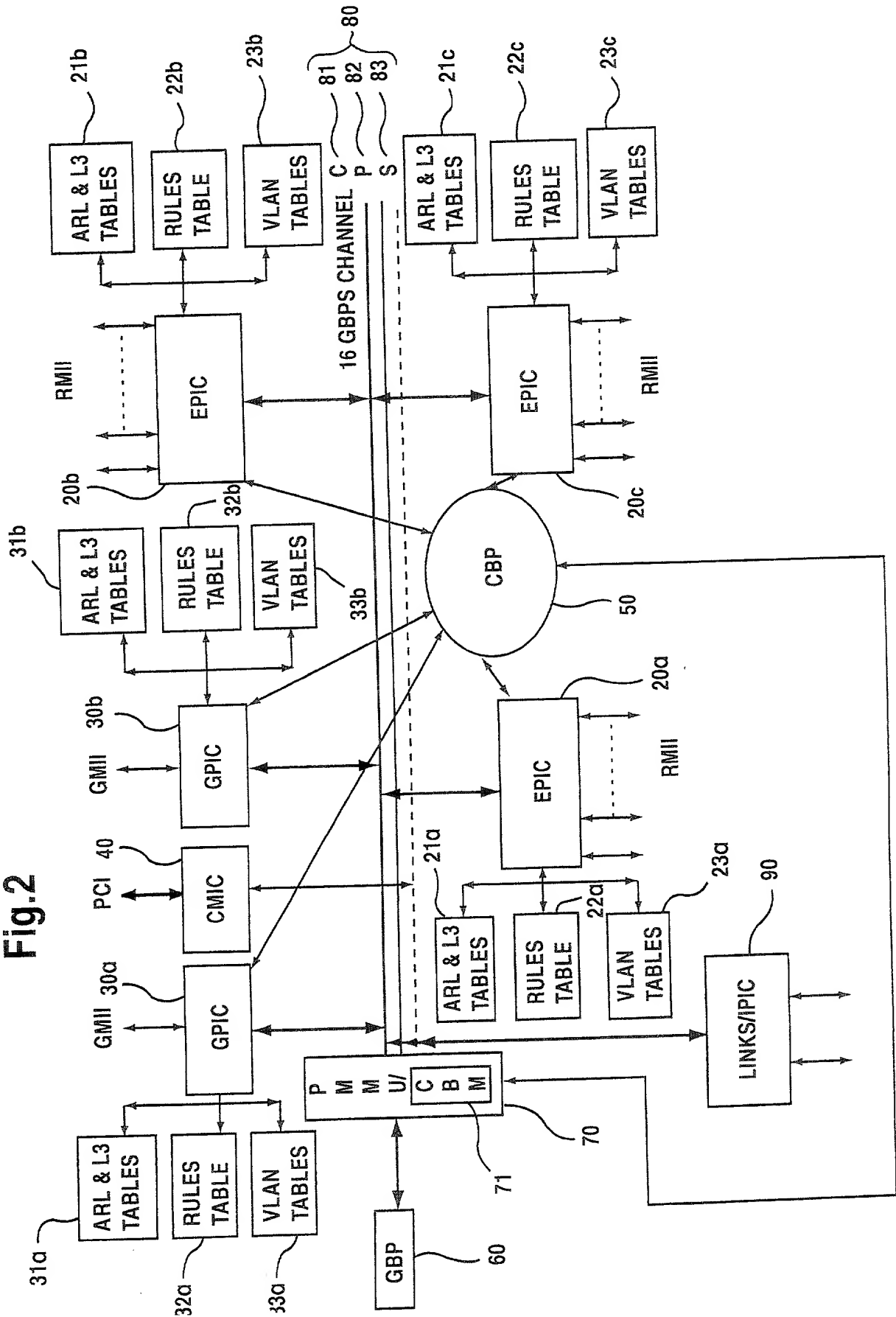
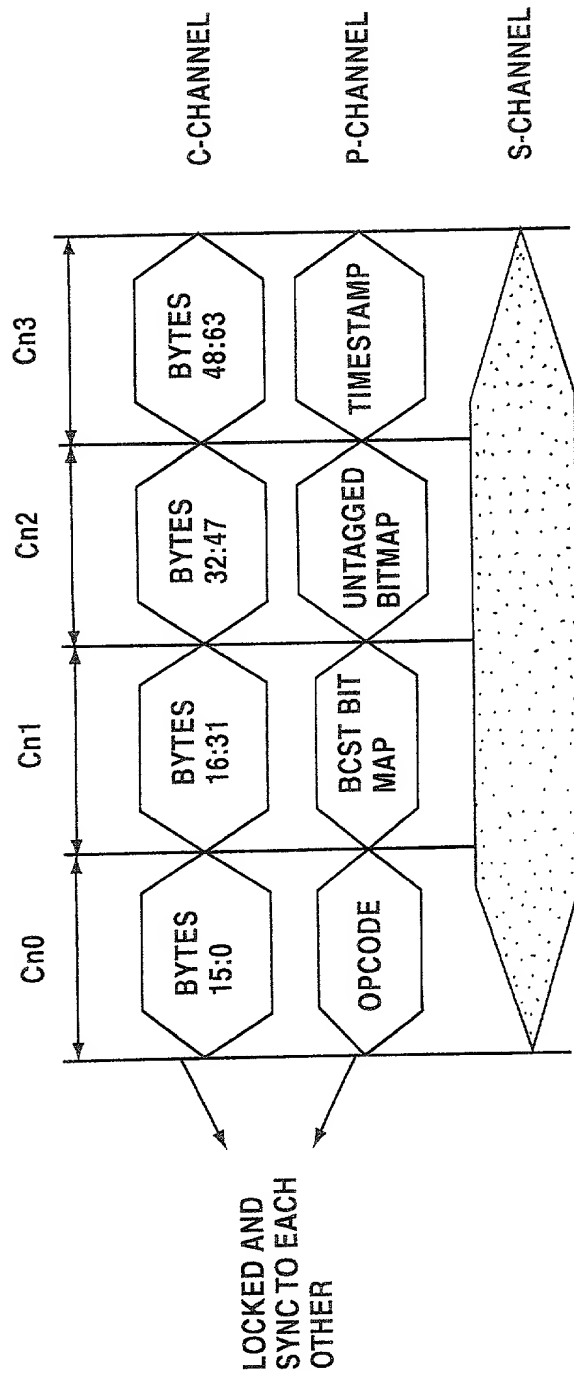


Fig.3



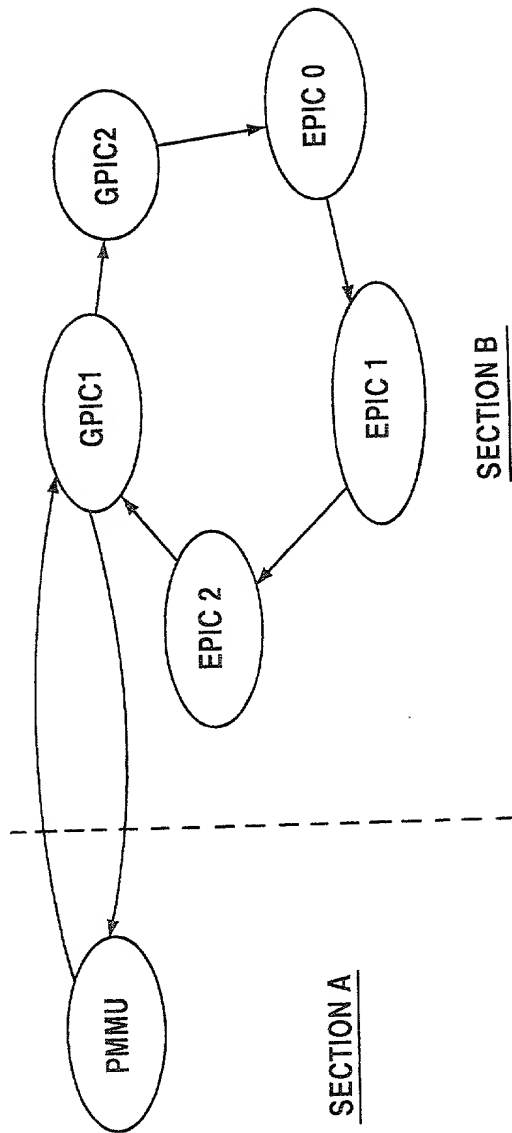


Fig.4a

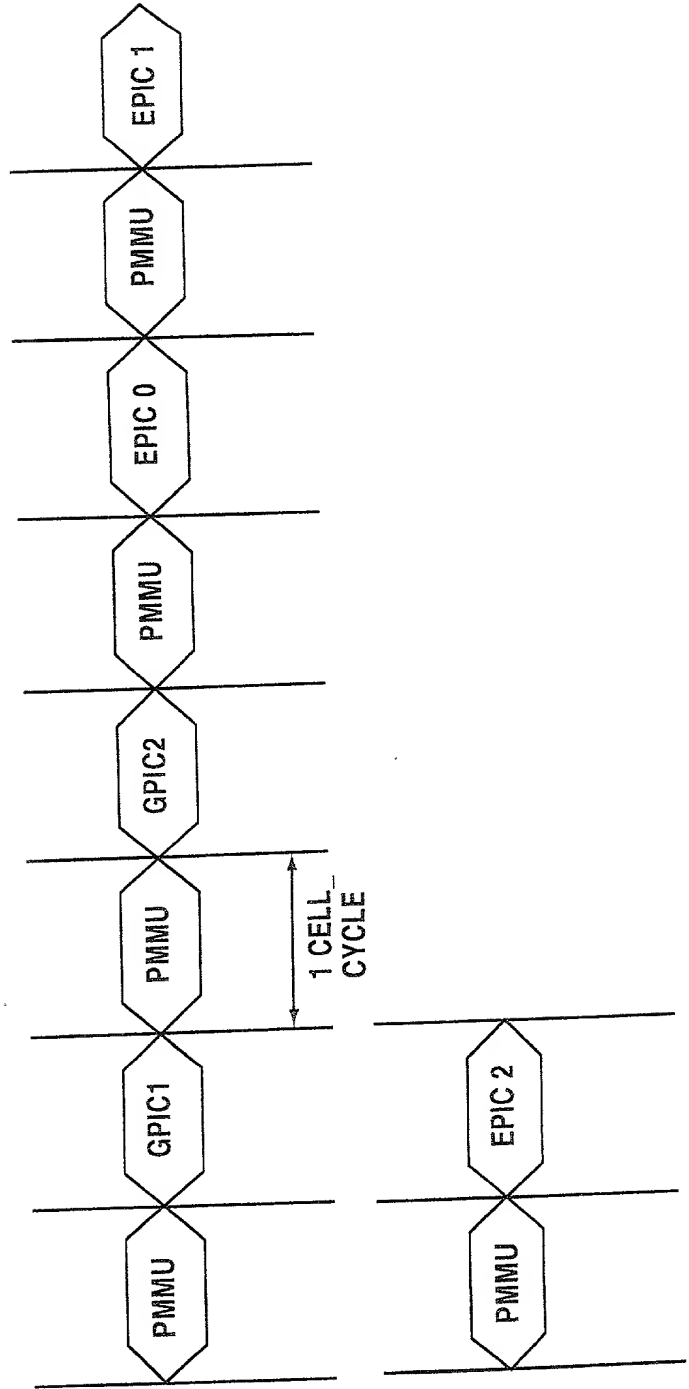


Fig.4b

Fig.5

PROTOCOL CHANNEL MESSAGES

30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	0
OP CODE	I	RESERVED	NXT CELL	SRC DEST PORT			COS	J	S	E	CR C	P	O	LEN	
	P														
	X														

30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	0
RESERVED															
BC/MC PORTBITMAP															

30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	0
U															
RES															
UNTAGGED PORTBITMAP/SRC PORT NUMBER (BIT0..5)															

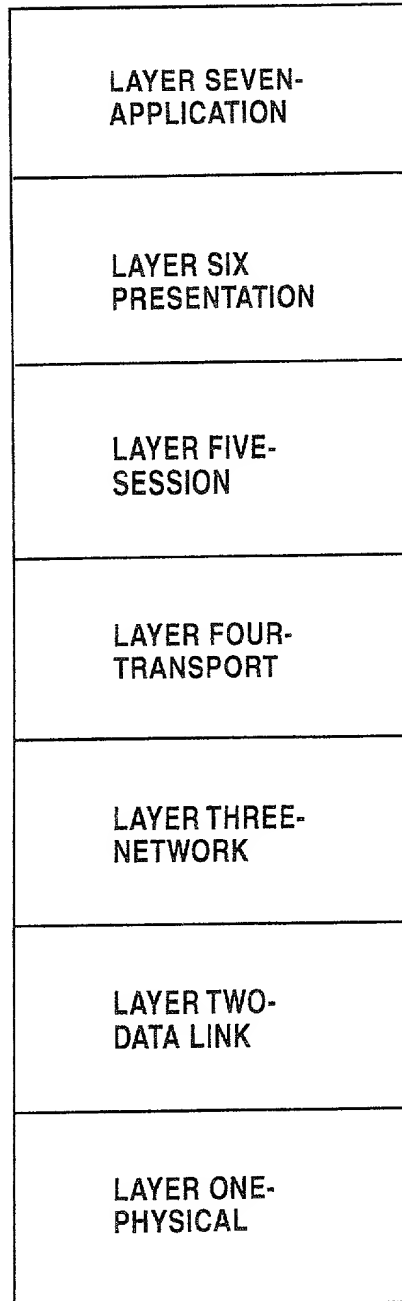
30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	0
CPU OPCODES															
TIME STAMP															

Fig.6

SIDE BAND CHANNEL MESSAGES

SIDE BAND CHANNEL MESSAGES																
30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	0	
OPCODE			DEST PORT/ DESTINATION DEV ID			SRC PORT			DATA LEN			E	E CODE		COS	
ADDRESS																
DATA																

**Fig.7**  
PRIOR ART



T05080"44602660

Fig. 8

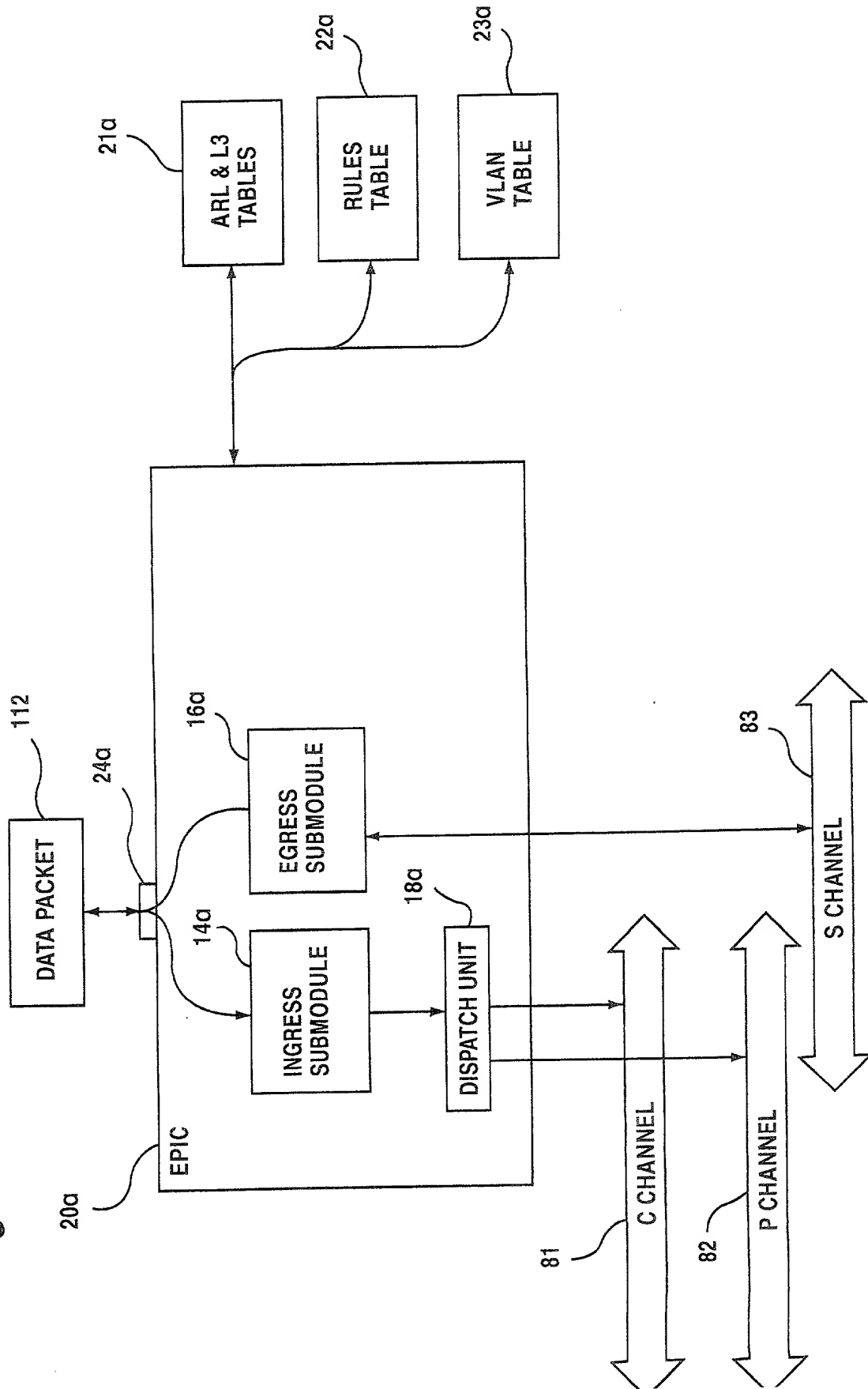




Fig.9

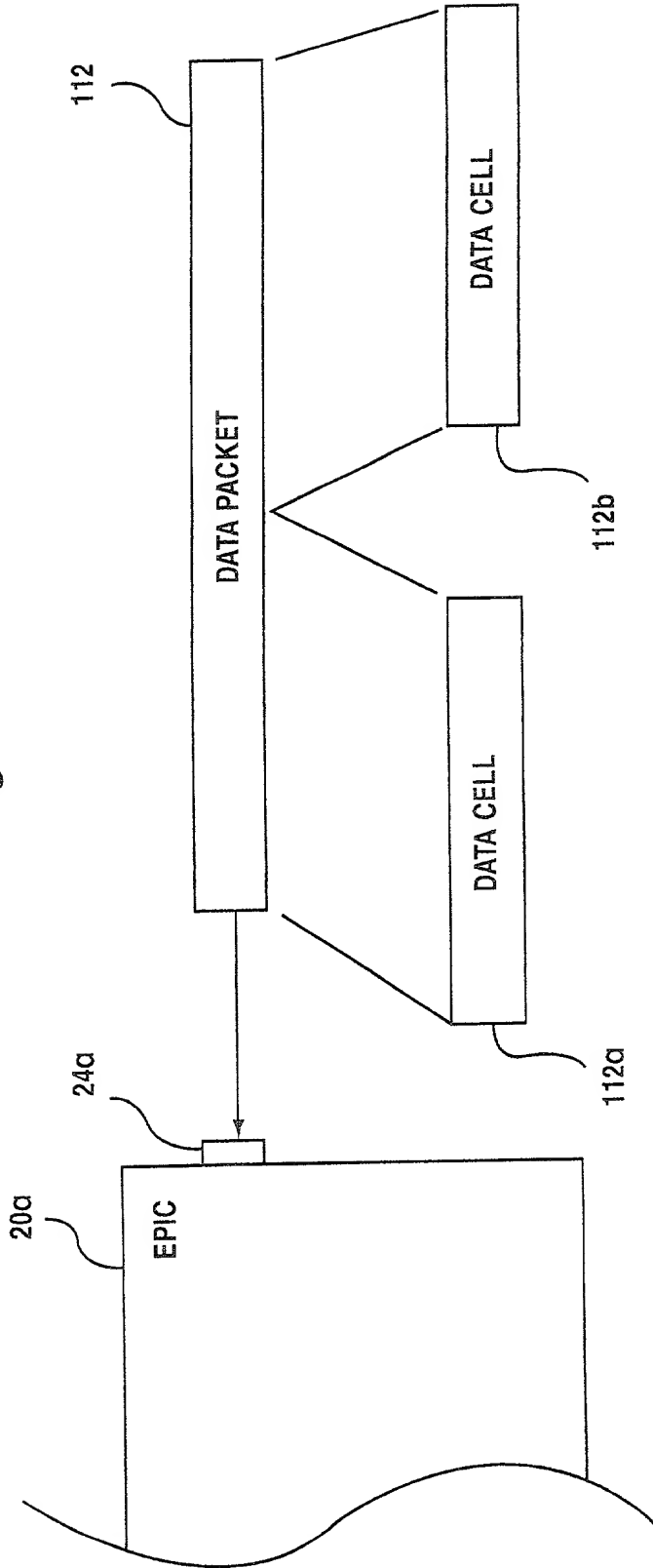


Fig.10

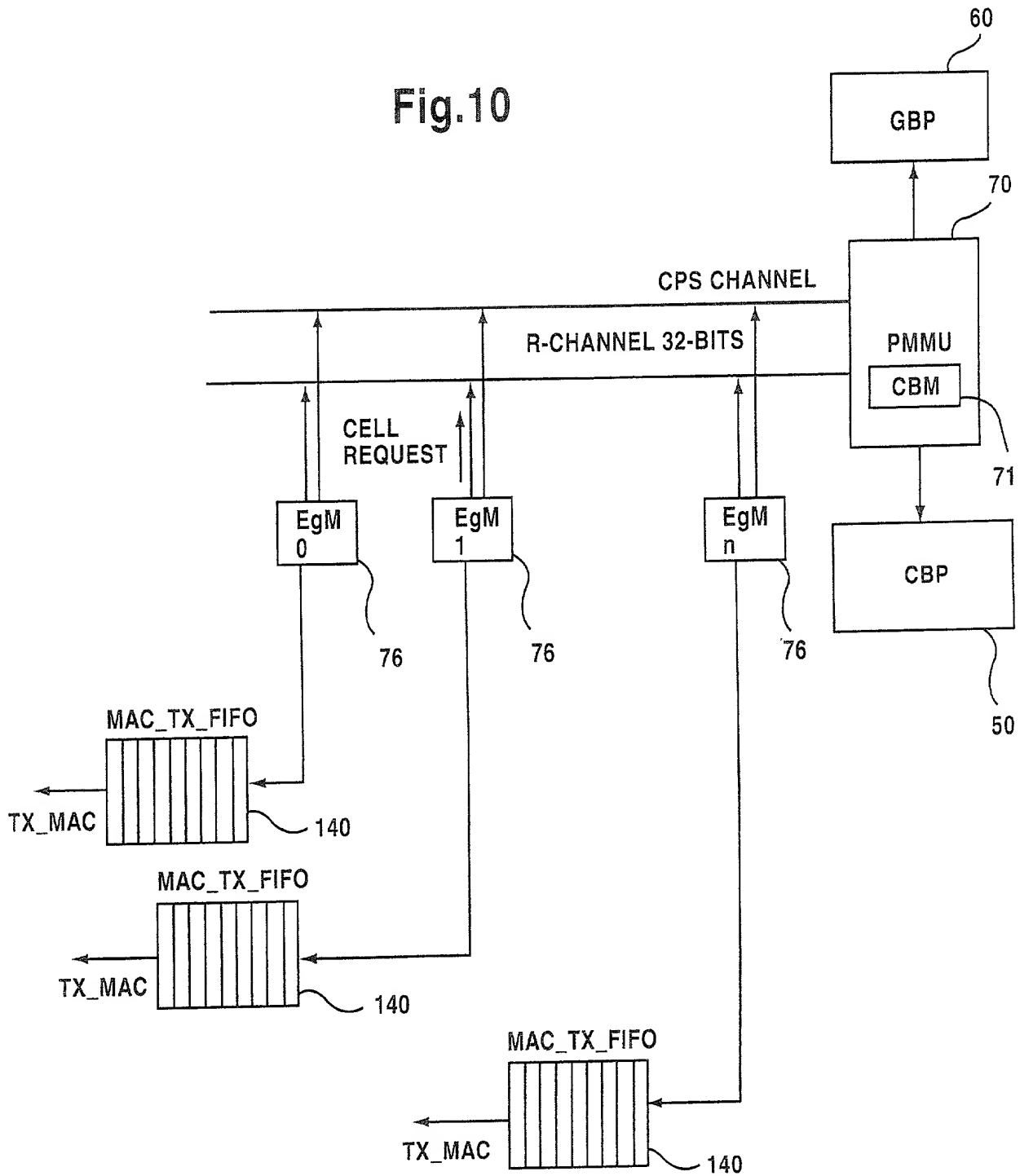
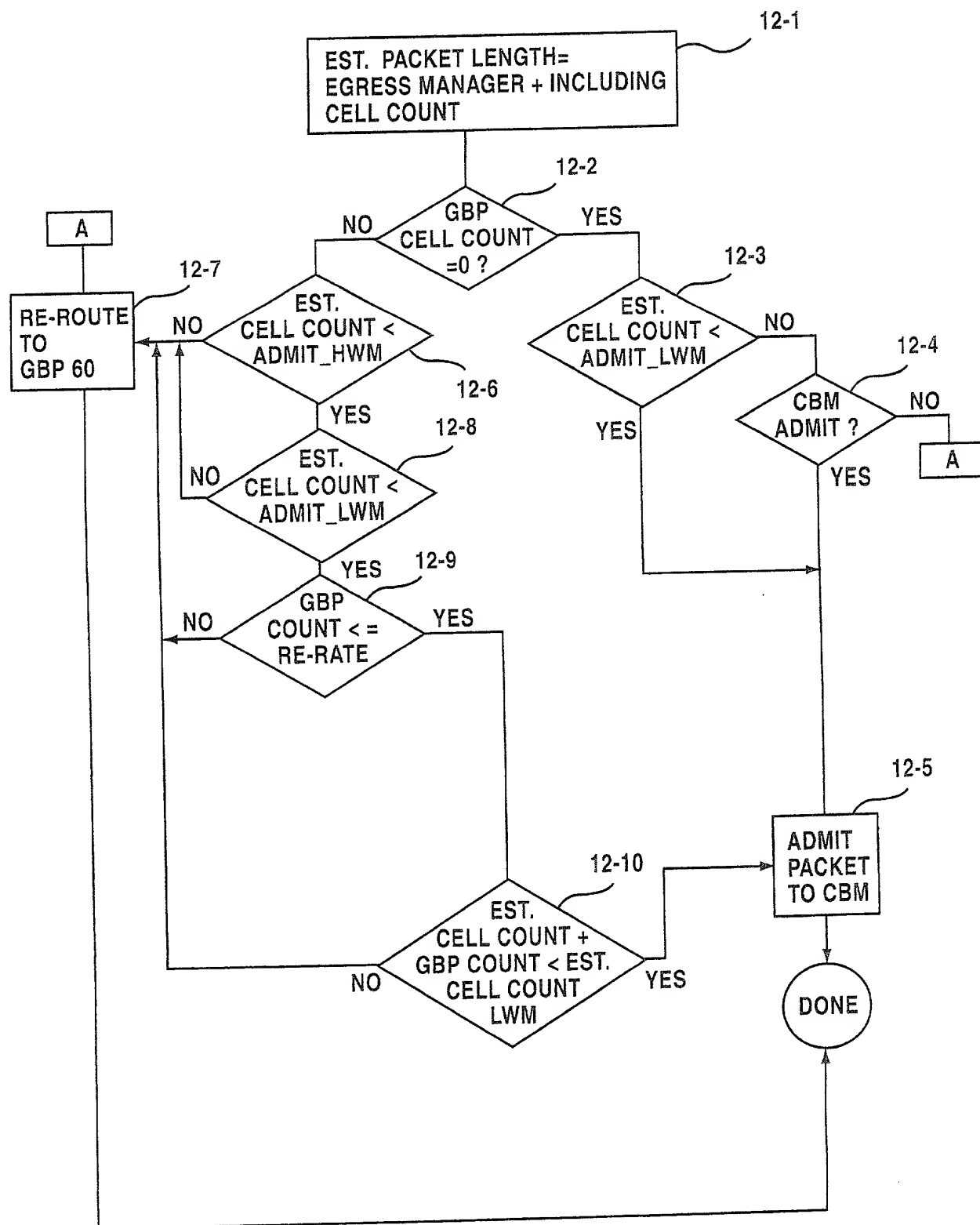


Fig. 11

LINE 0	FC   LC   BC/MC   CPY_CNT(5b)   CELL_LENGTH(7b)   CRC(2b)   NC_HEADER(16b)   SRC_COUNT(6)   IPX   IP     TIME_STAMP(14b)   O_BITS(2b)   P   NEXT_CELL_LEN(2b)   CPU_OPCODE(4b)   CELL_DATA(0-9B)
LINE 1	CELL_DATA(10-27) BYTES
LINE 2	CELL_DATA(28-45) BYTES
LINE 3	CELL_DATA(46-63) BYTES

Fig.12



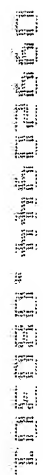
[illegible]

Fig.14

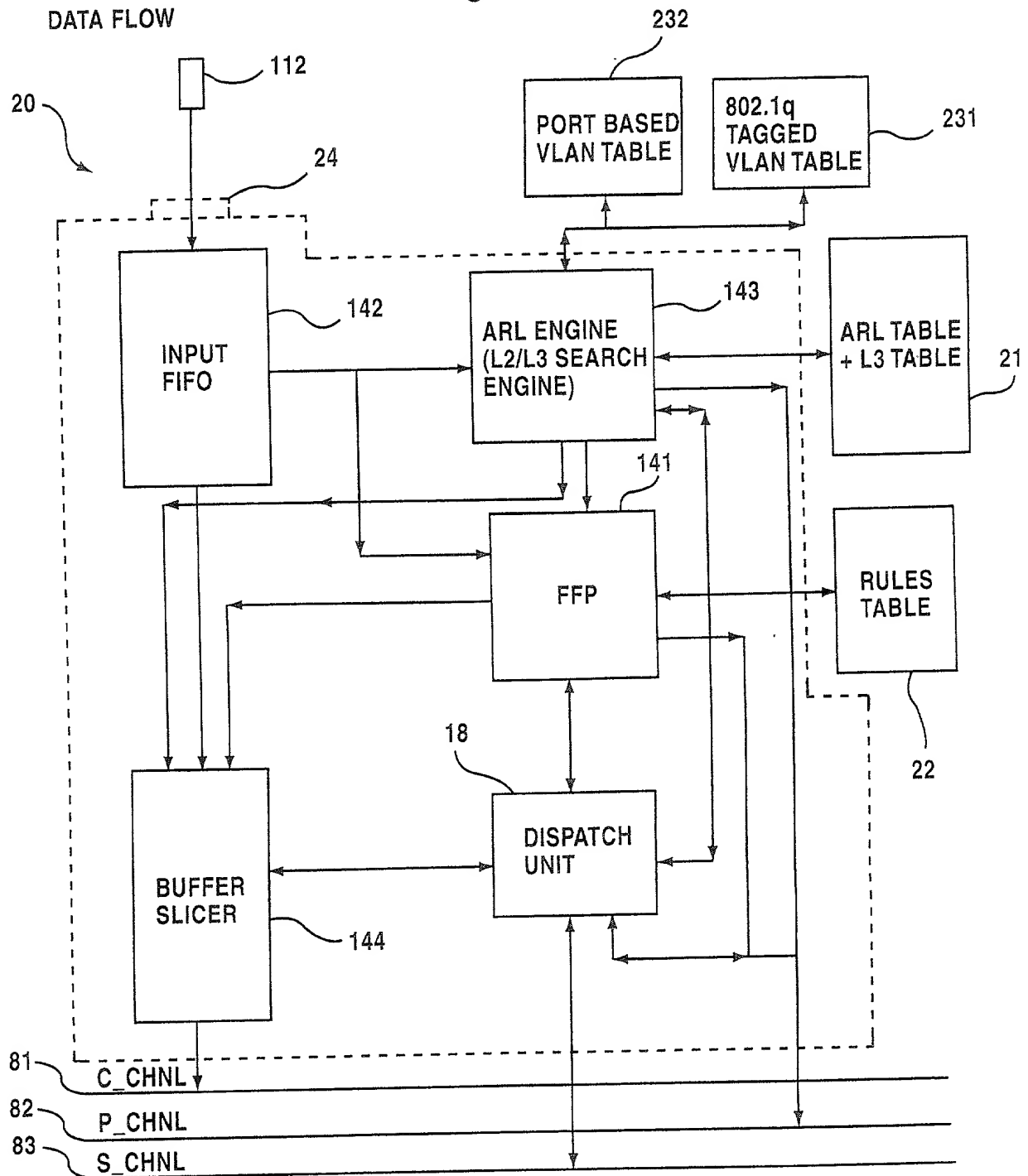


Fig.15

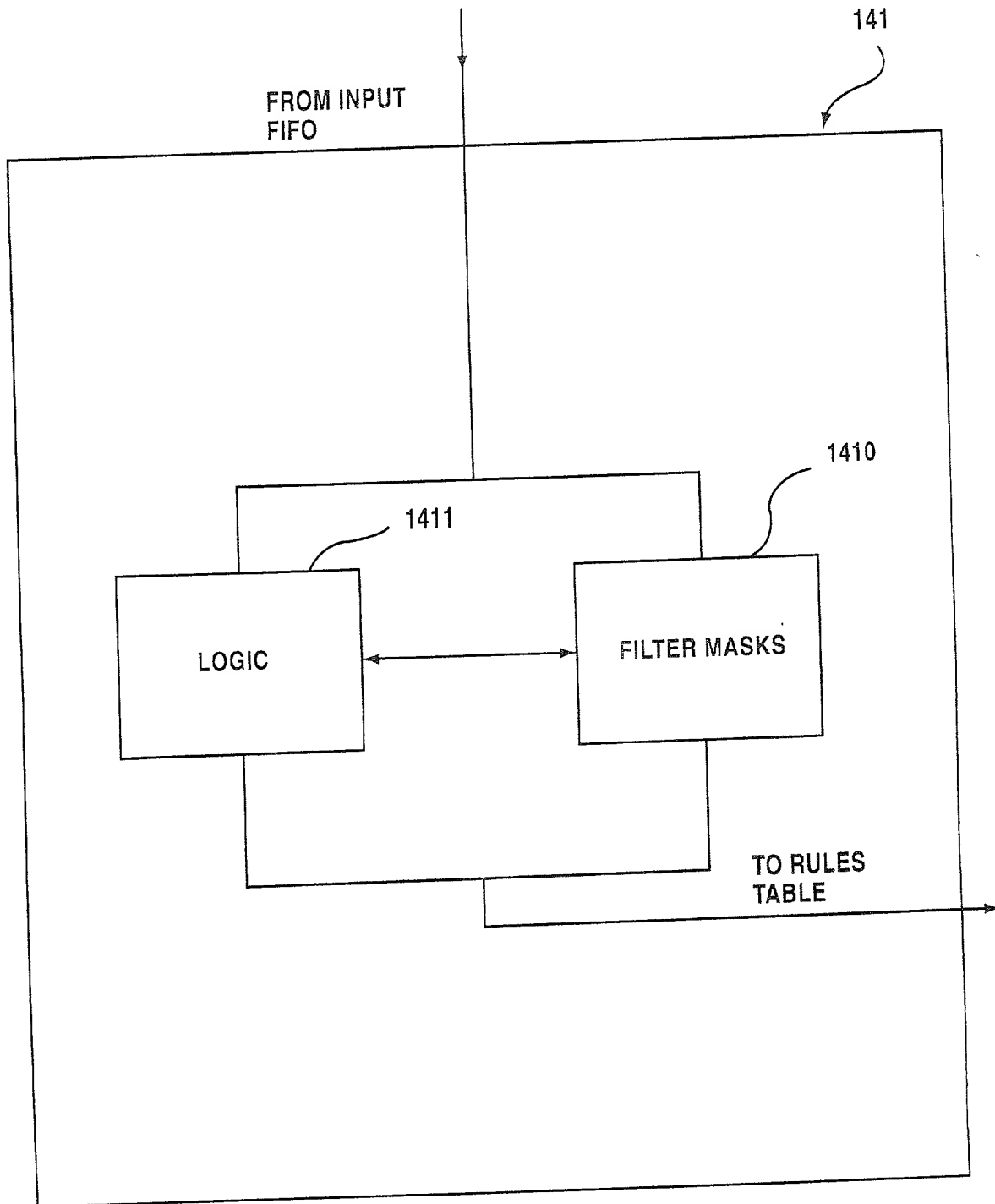


Fig.16

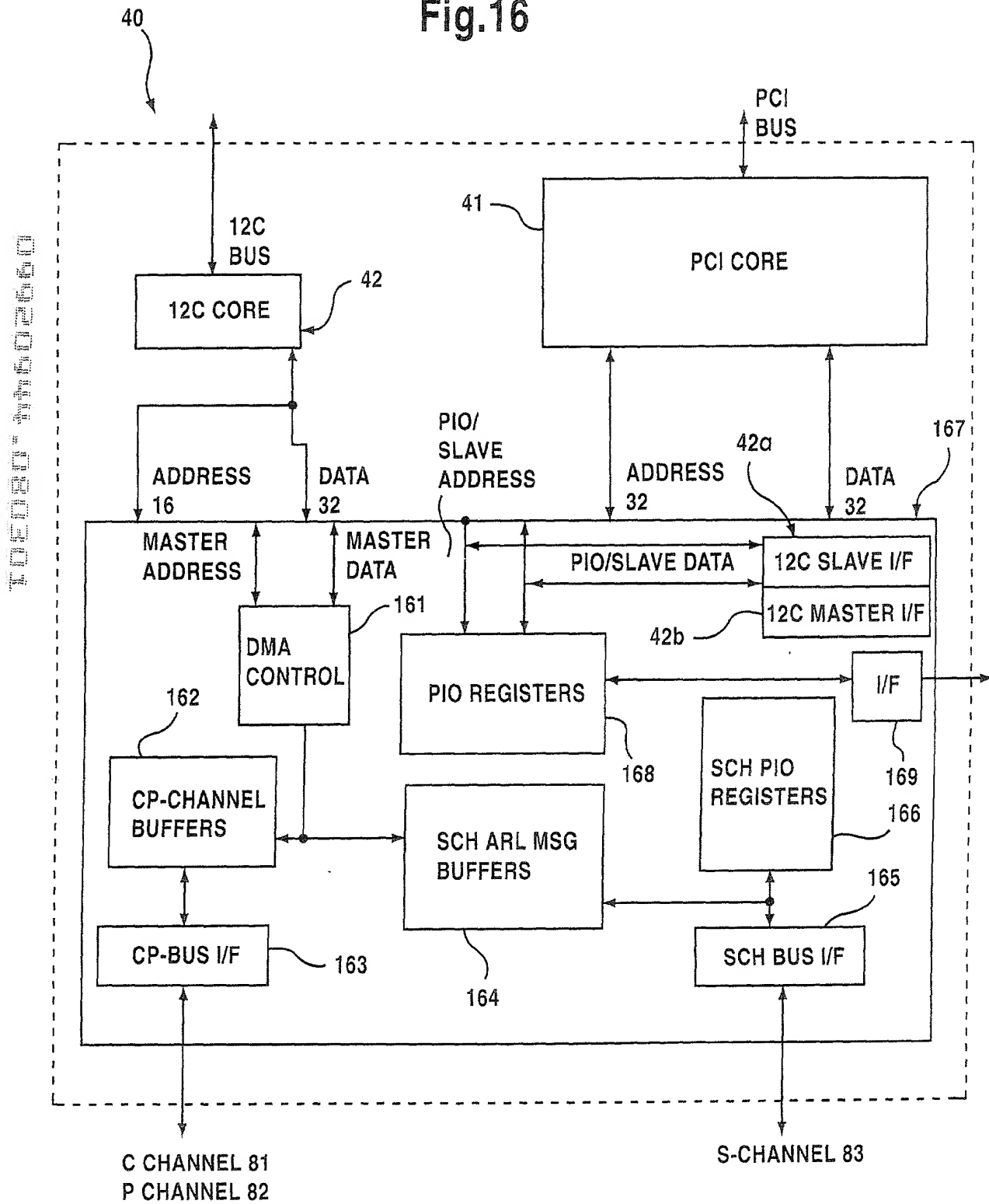




Fig.17

## FFP PROGRAMMING FLOW CHART

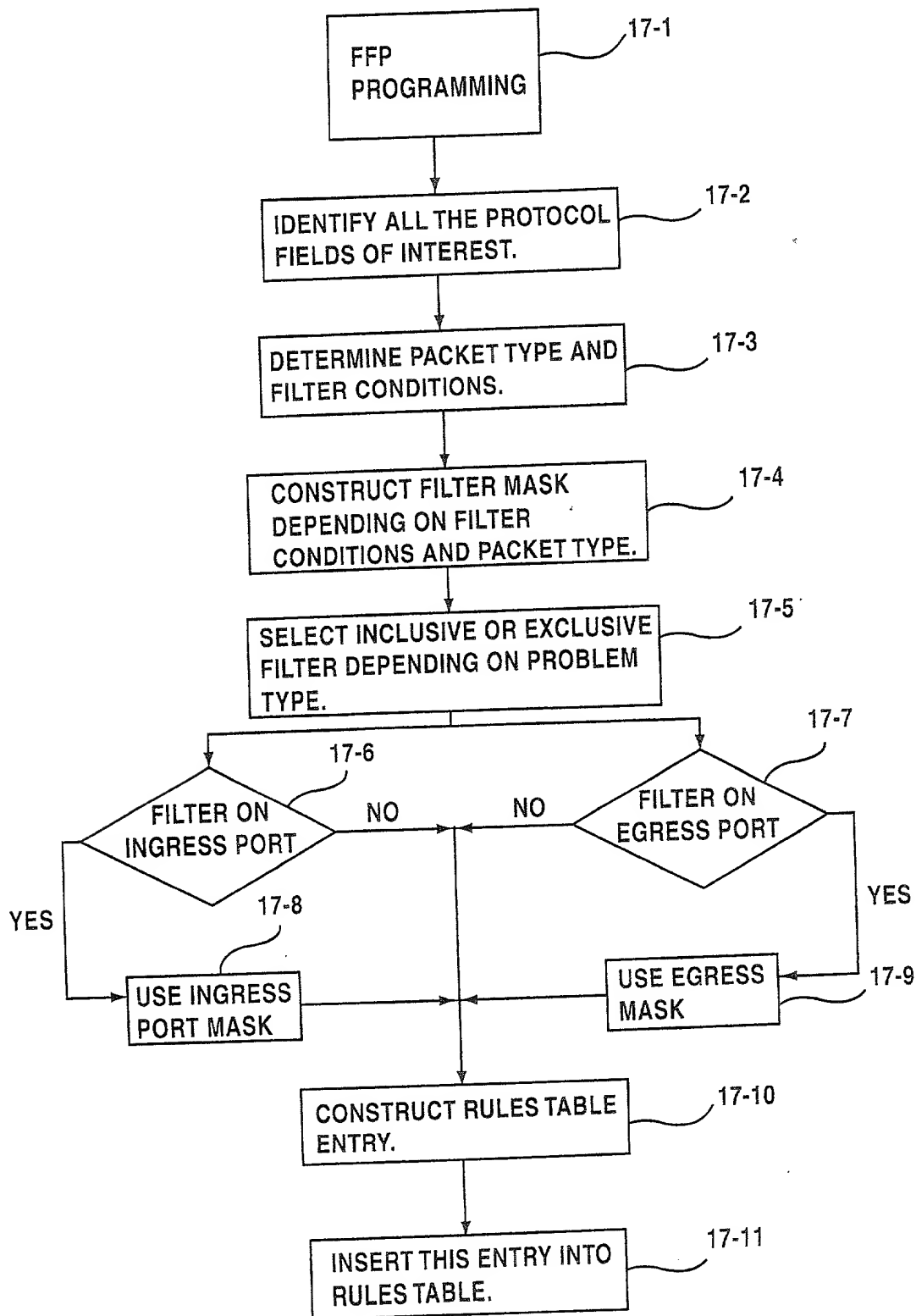


Fig.18

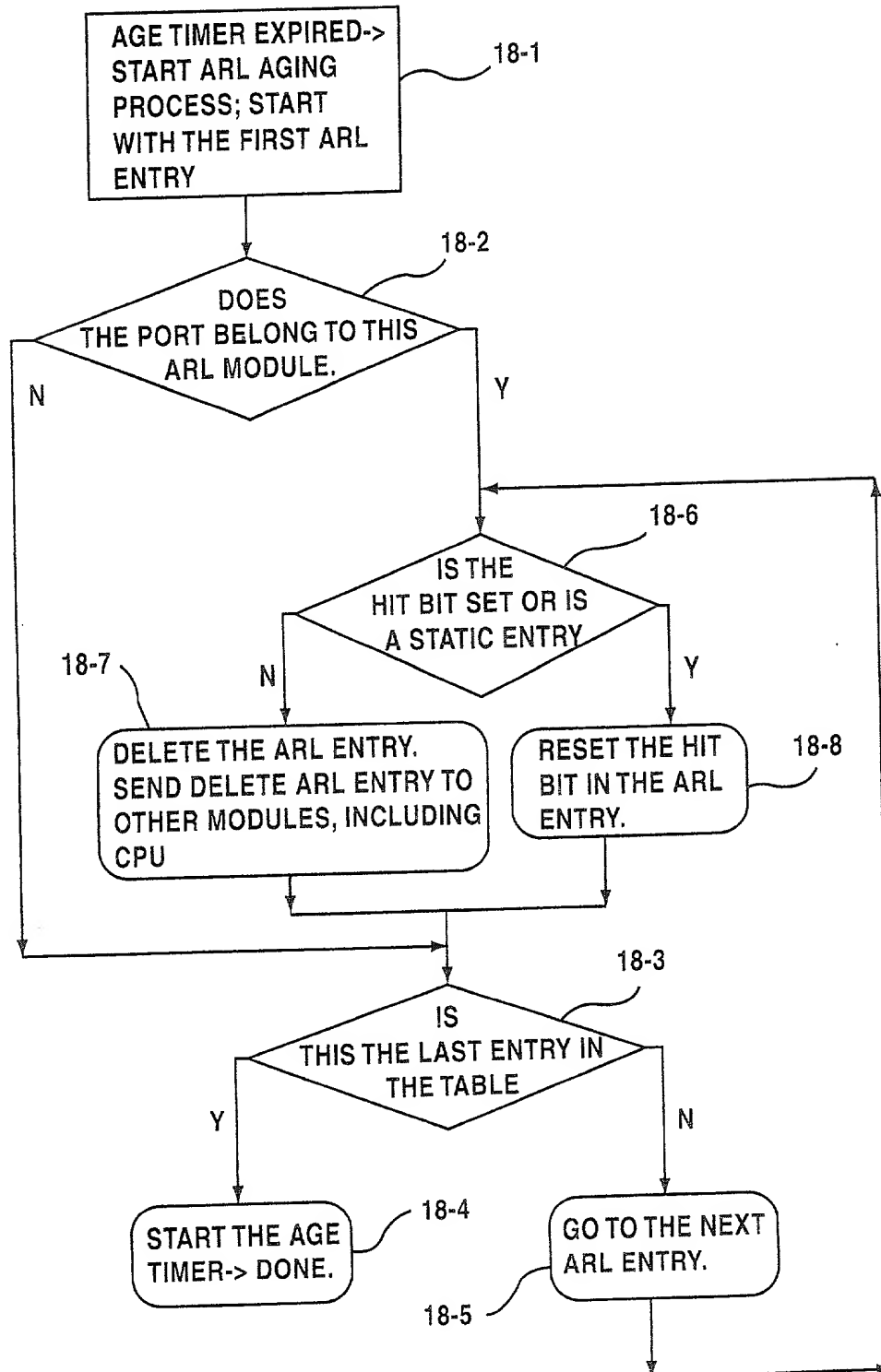


Fig.19

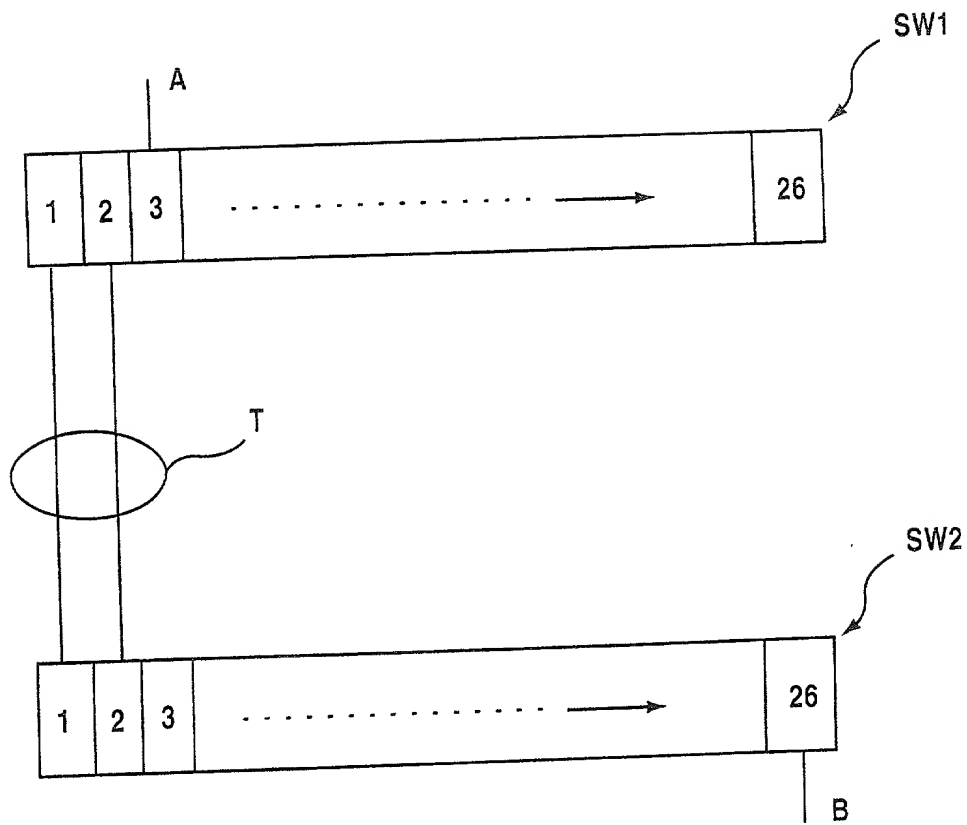


Fig.20

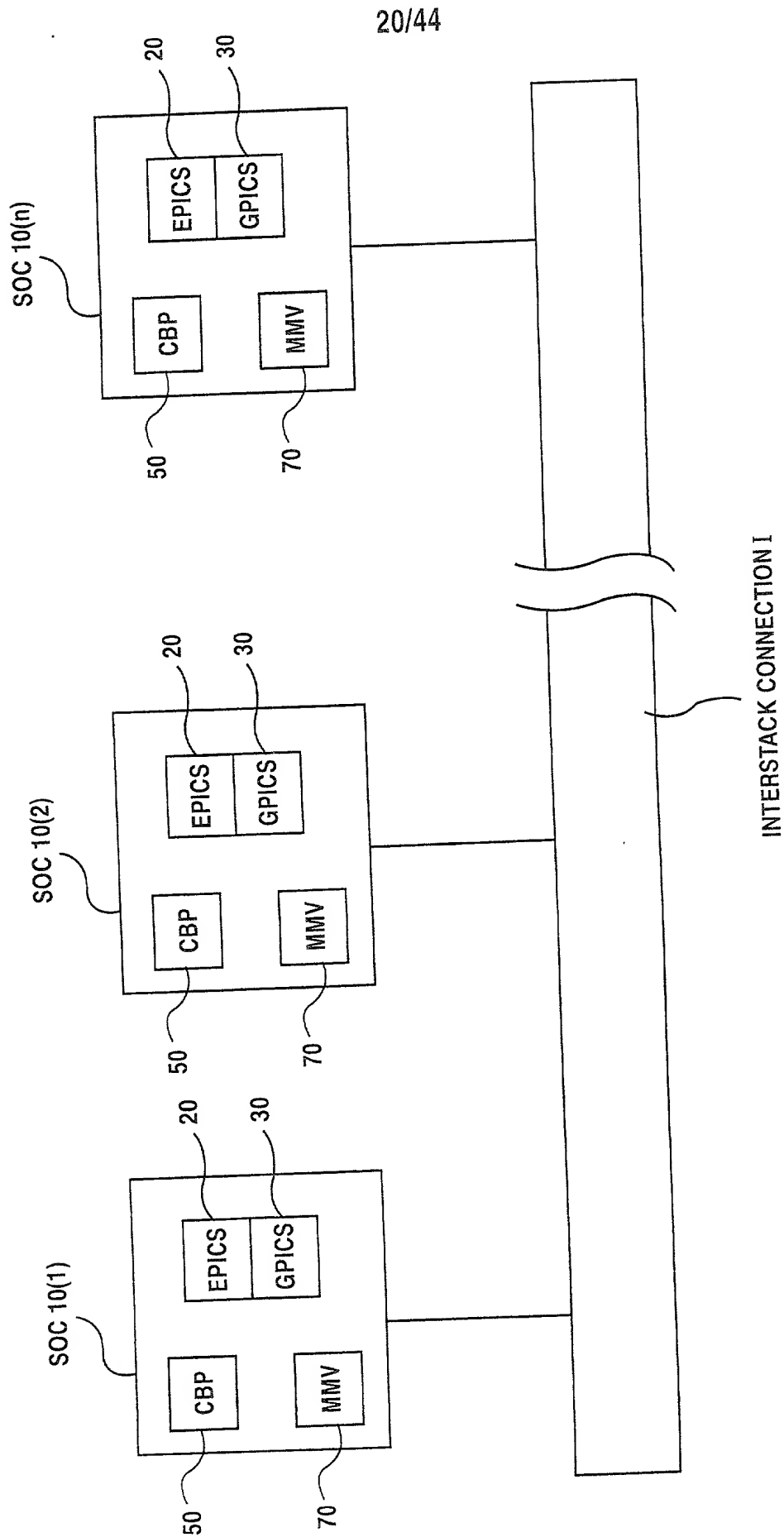


Fig.21

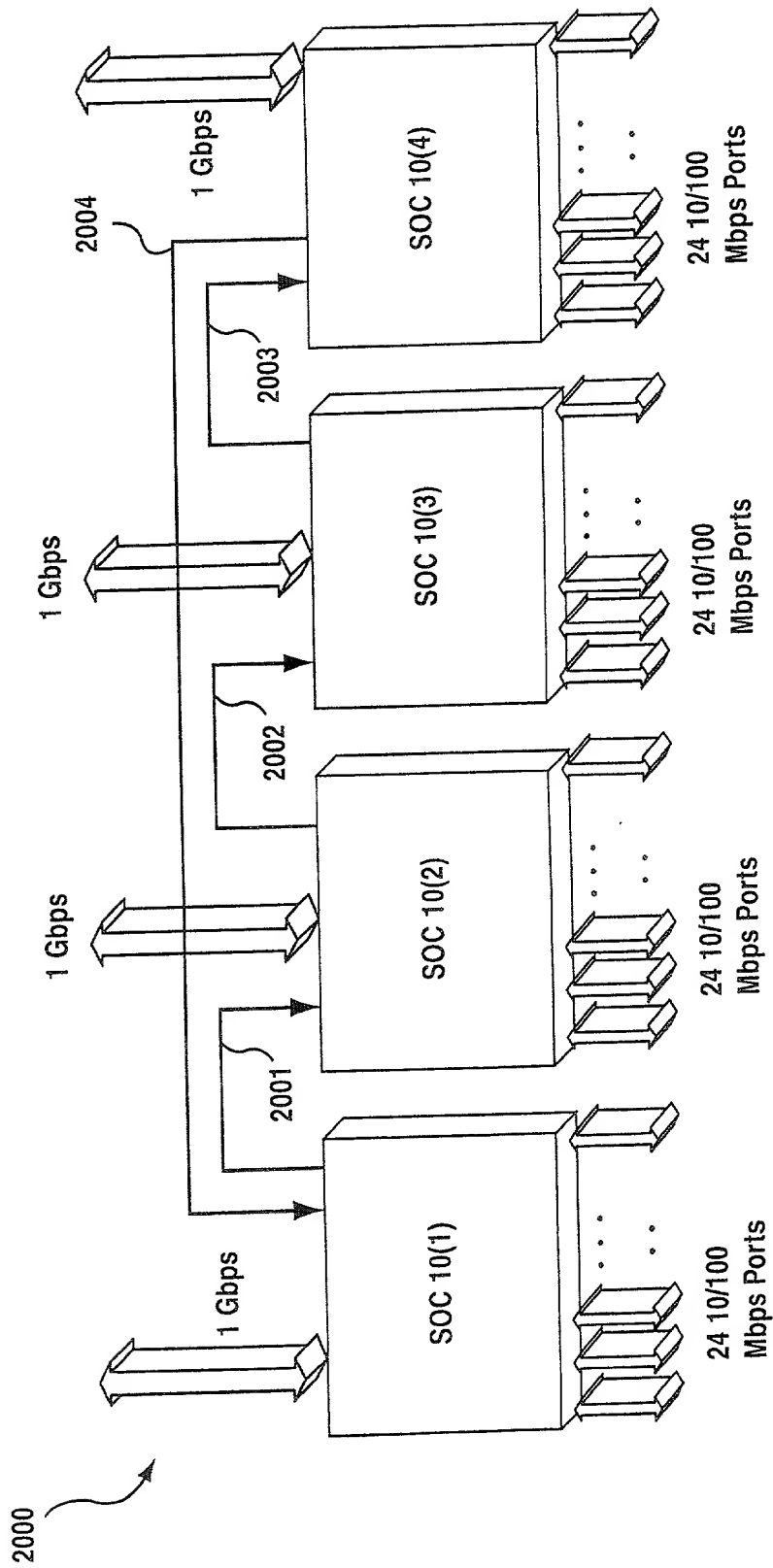


Fig.22

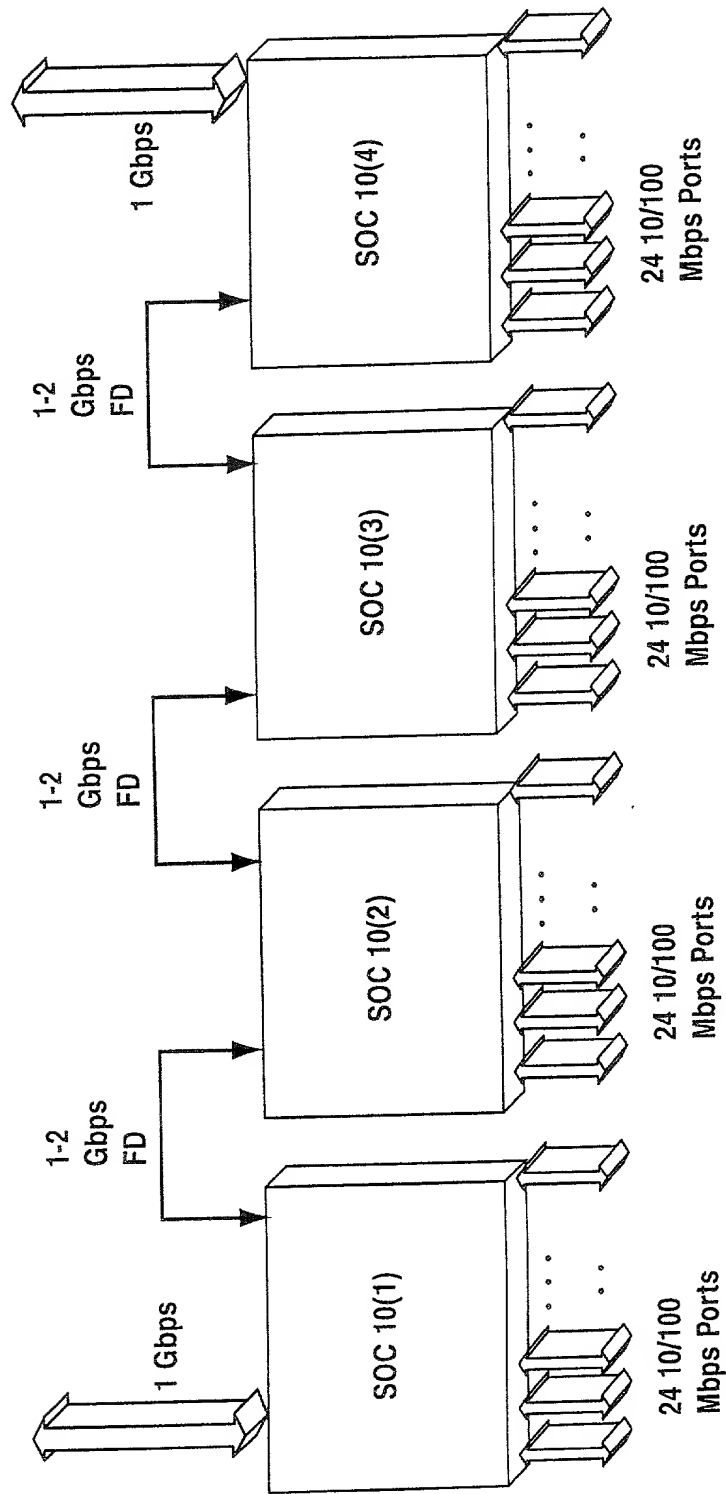


Fig.23

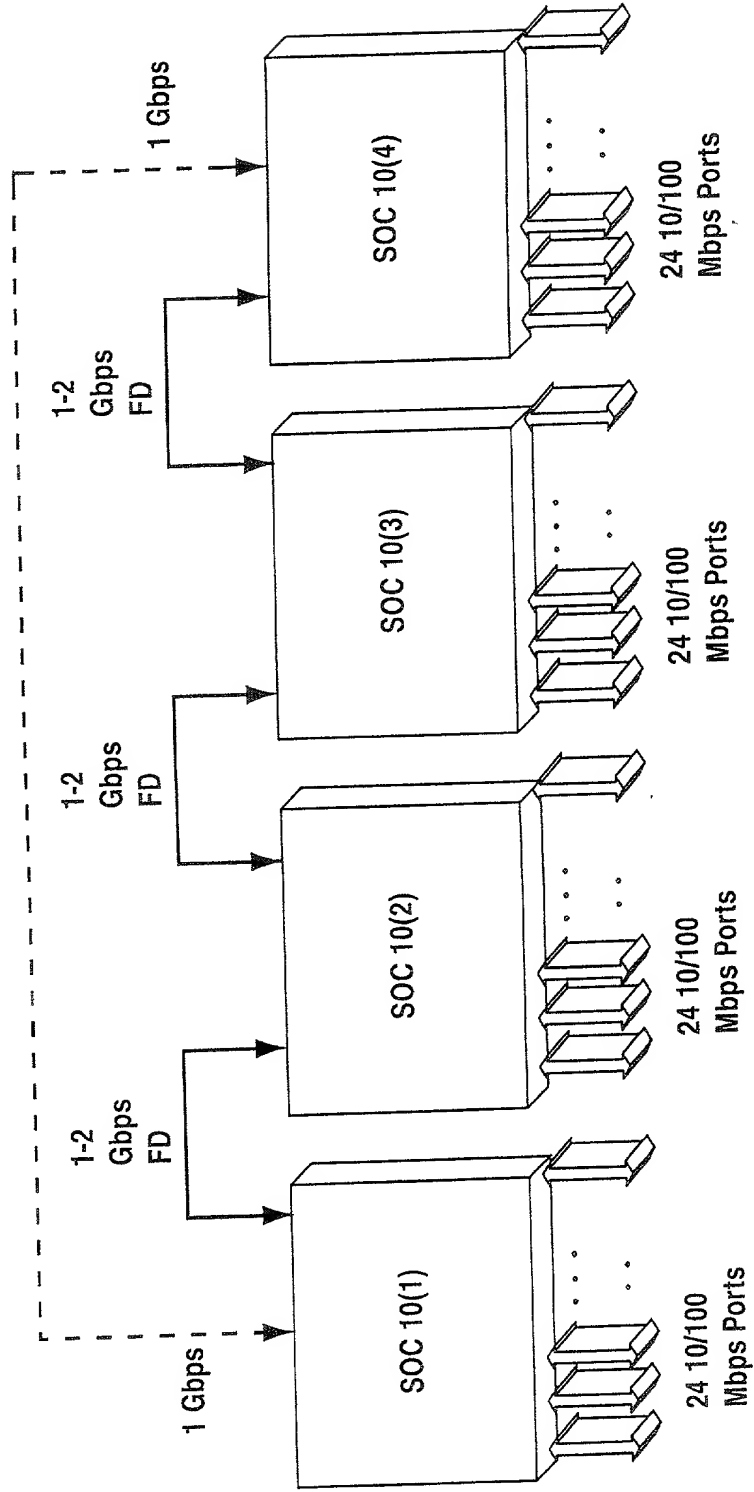


Fig.24A

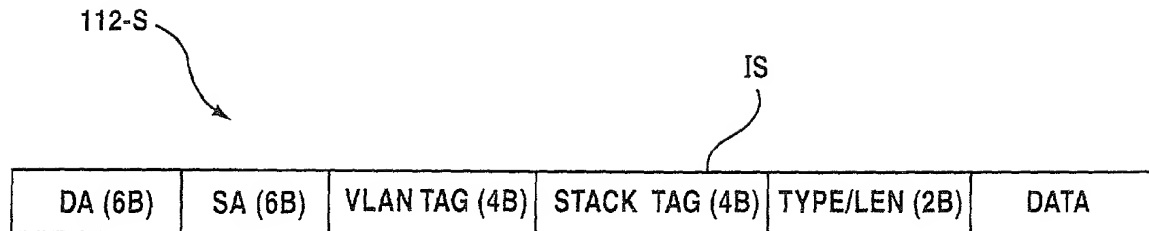


Fig.24B

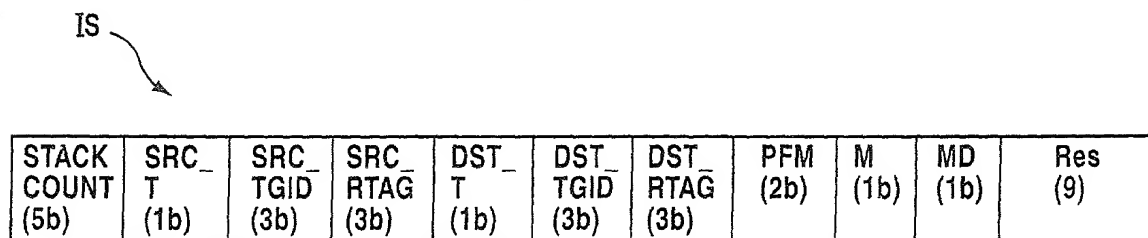




Fig.25

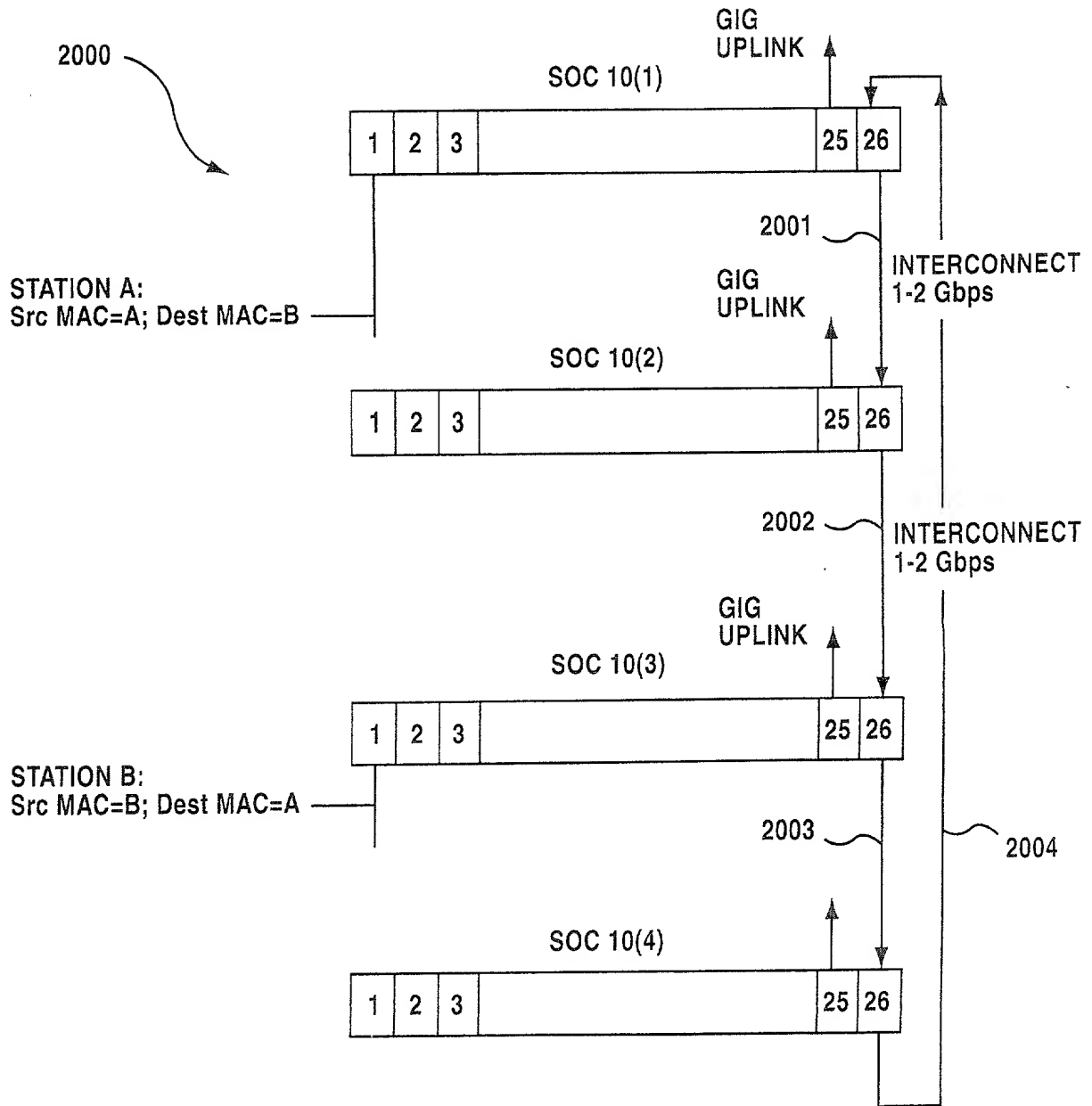
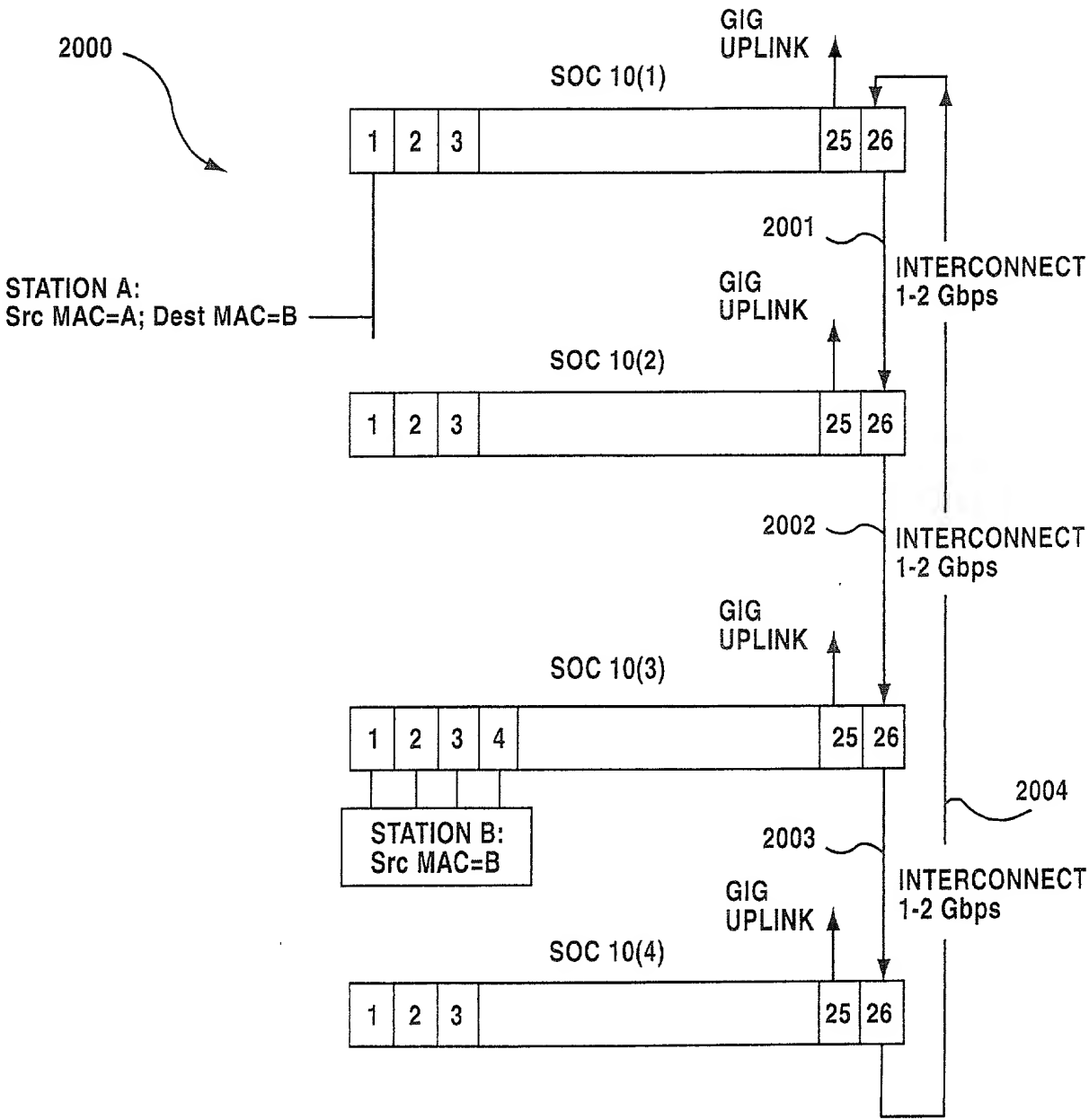


Fig.26

102030-11602680



**Fig.27A**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
1	A	1	0	X	X
26	B	1	1	2	2

**Fig.27B**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
26	B	1	1	2	2

**Fig.27C**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
1	B	1	1	2	2

**Fig.27D**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
26	B	1	1	2	2

Fig.28

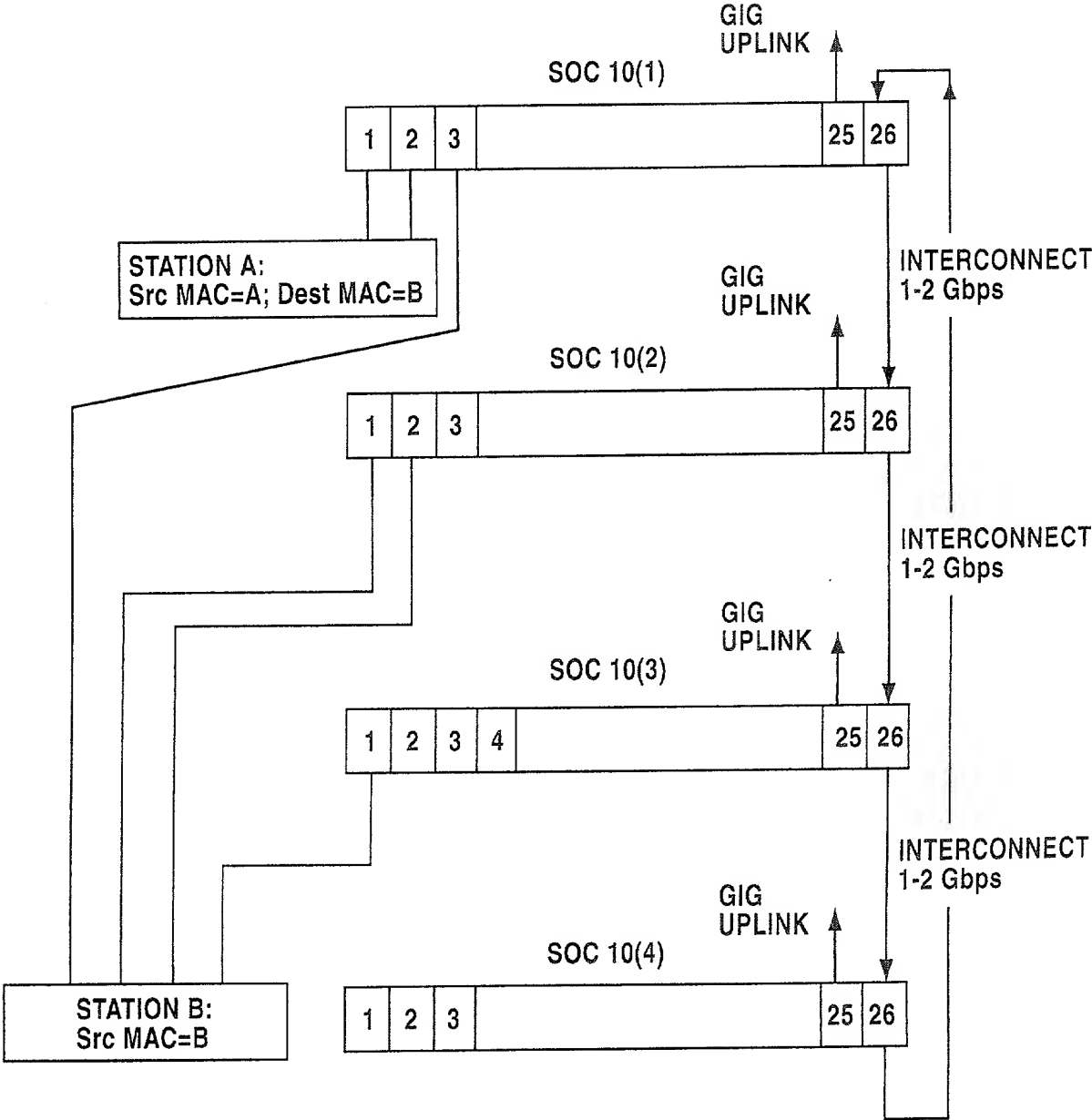


Fig.29A

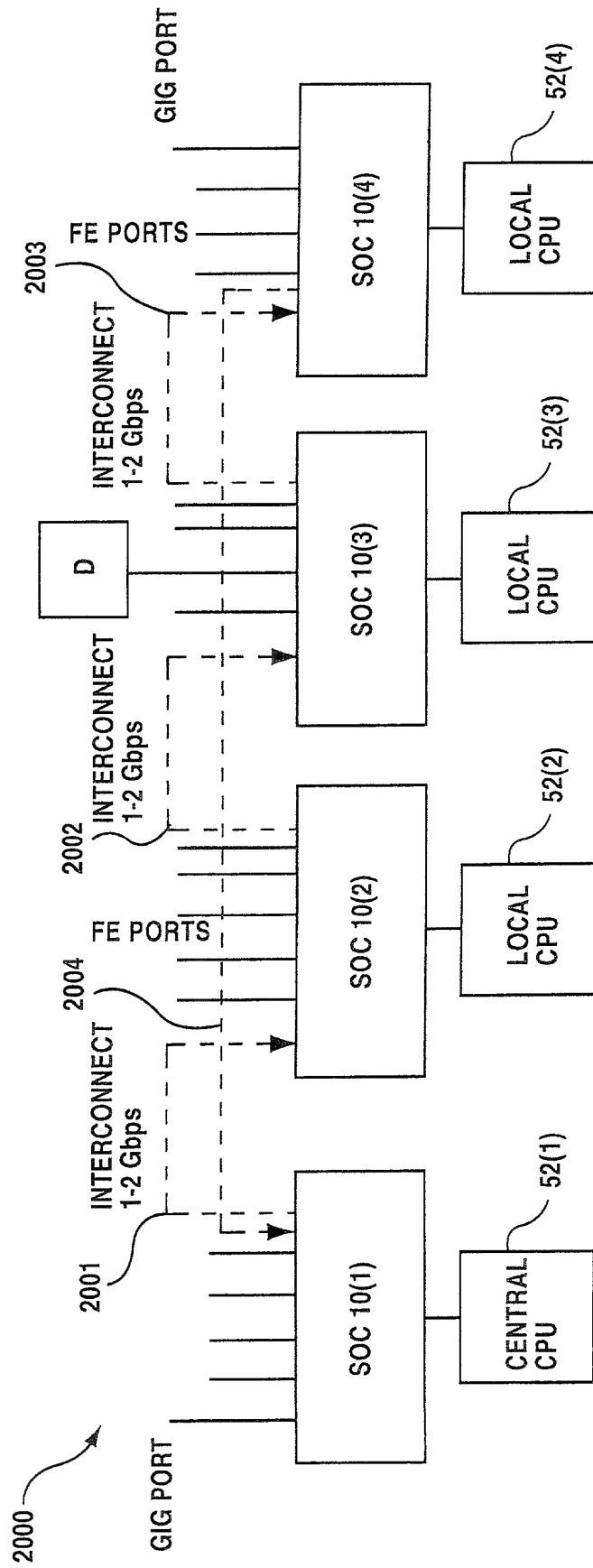
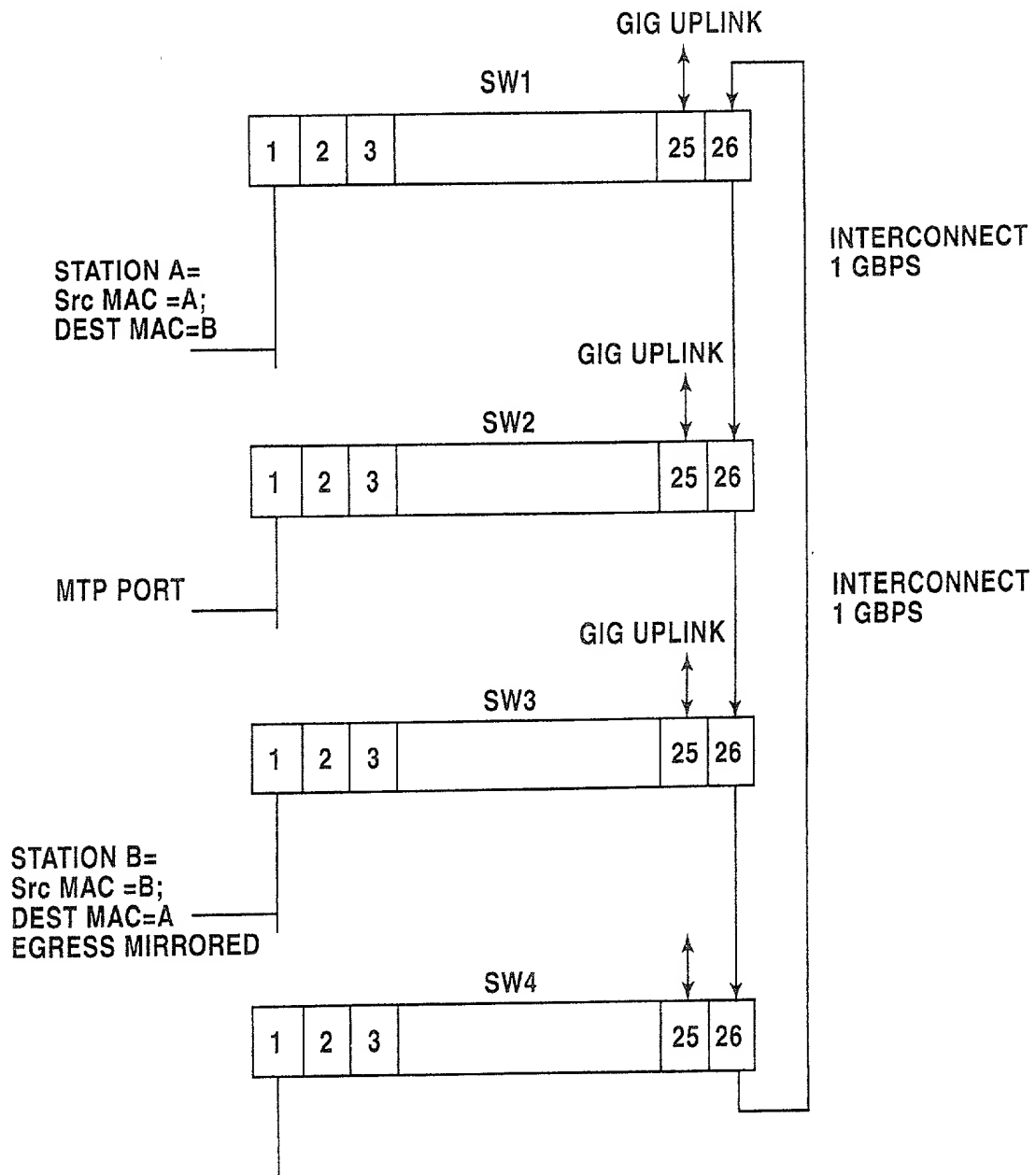


FIG.29B



TOP SECRET 4402660

FIG.29C

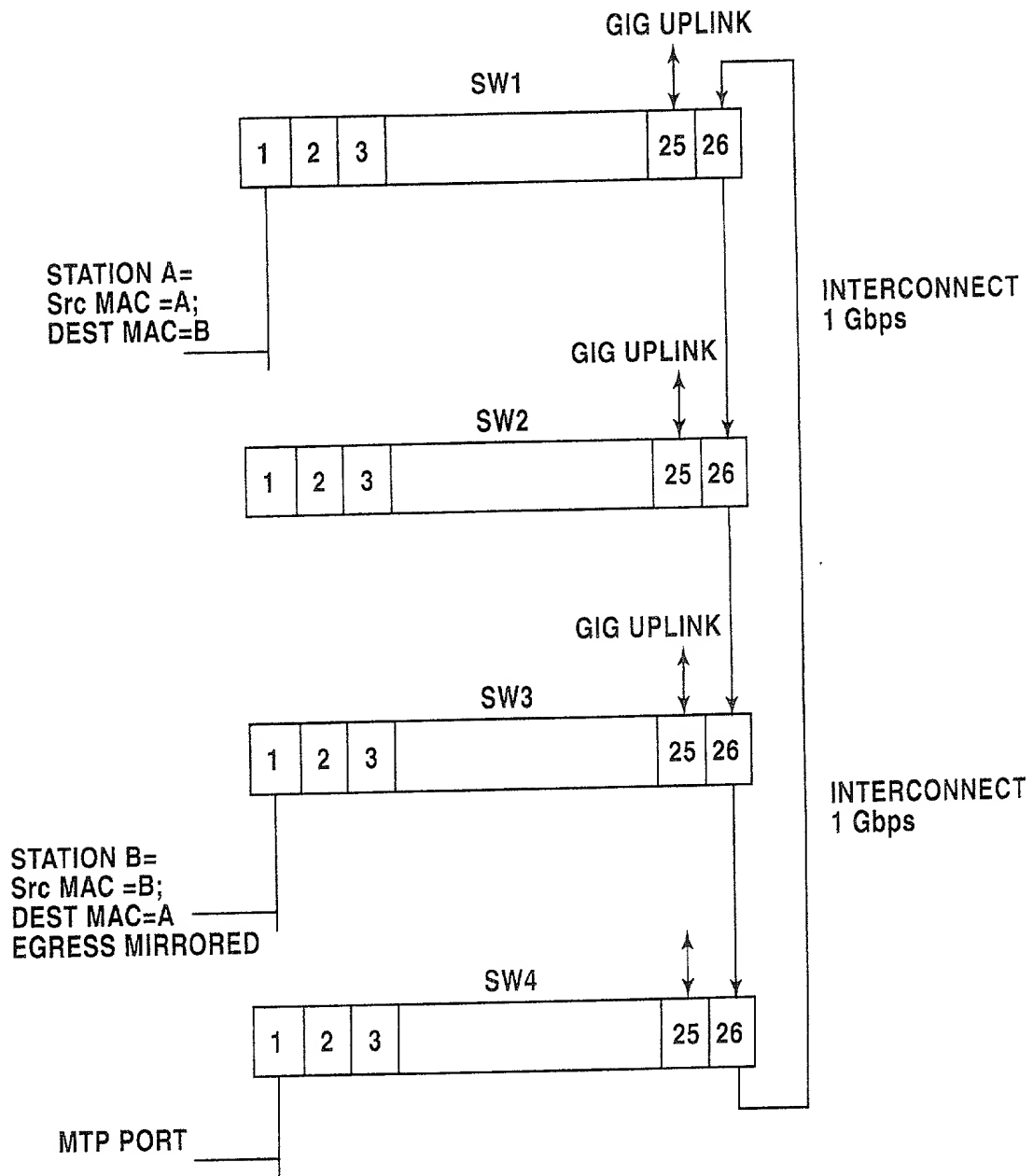


FIG.29D

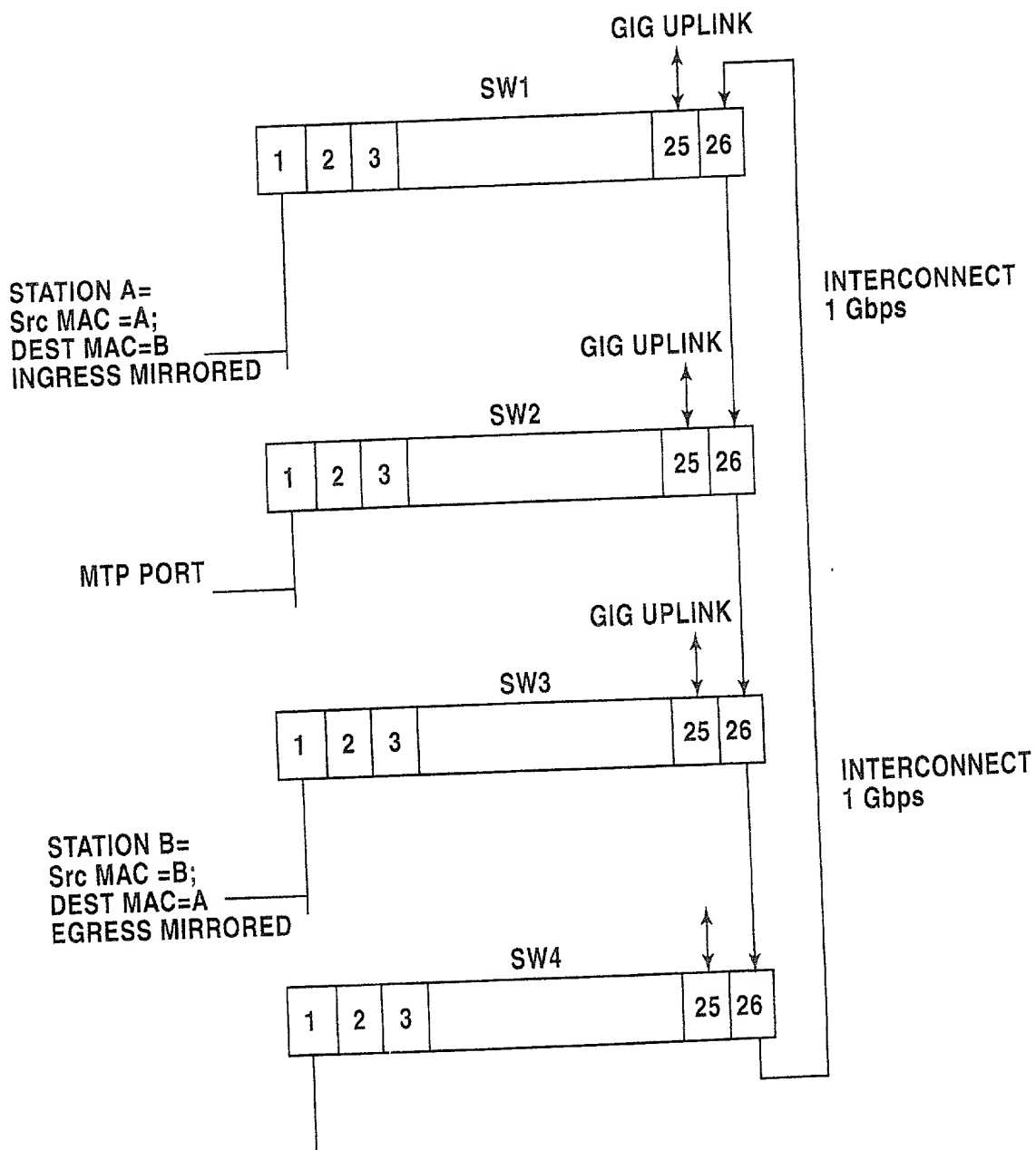




FIG.29E

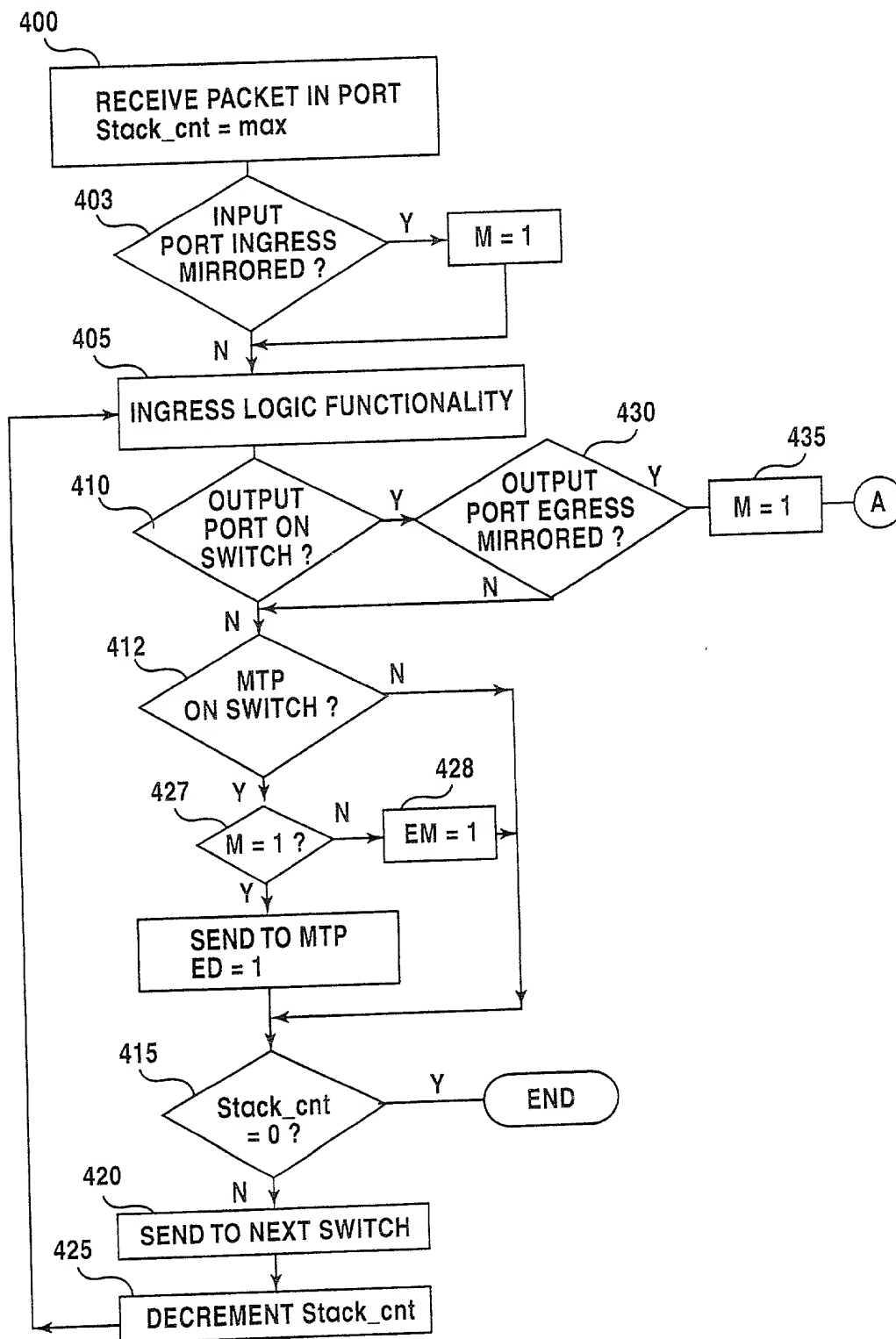


FIG.29F

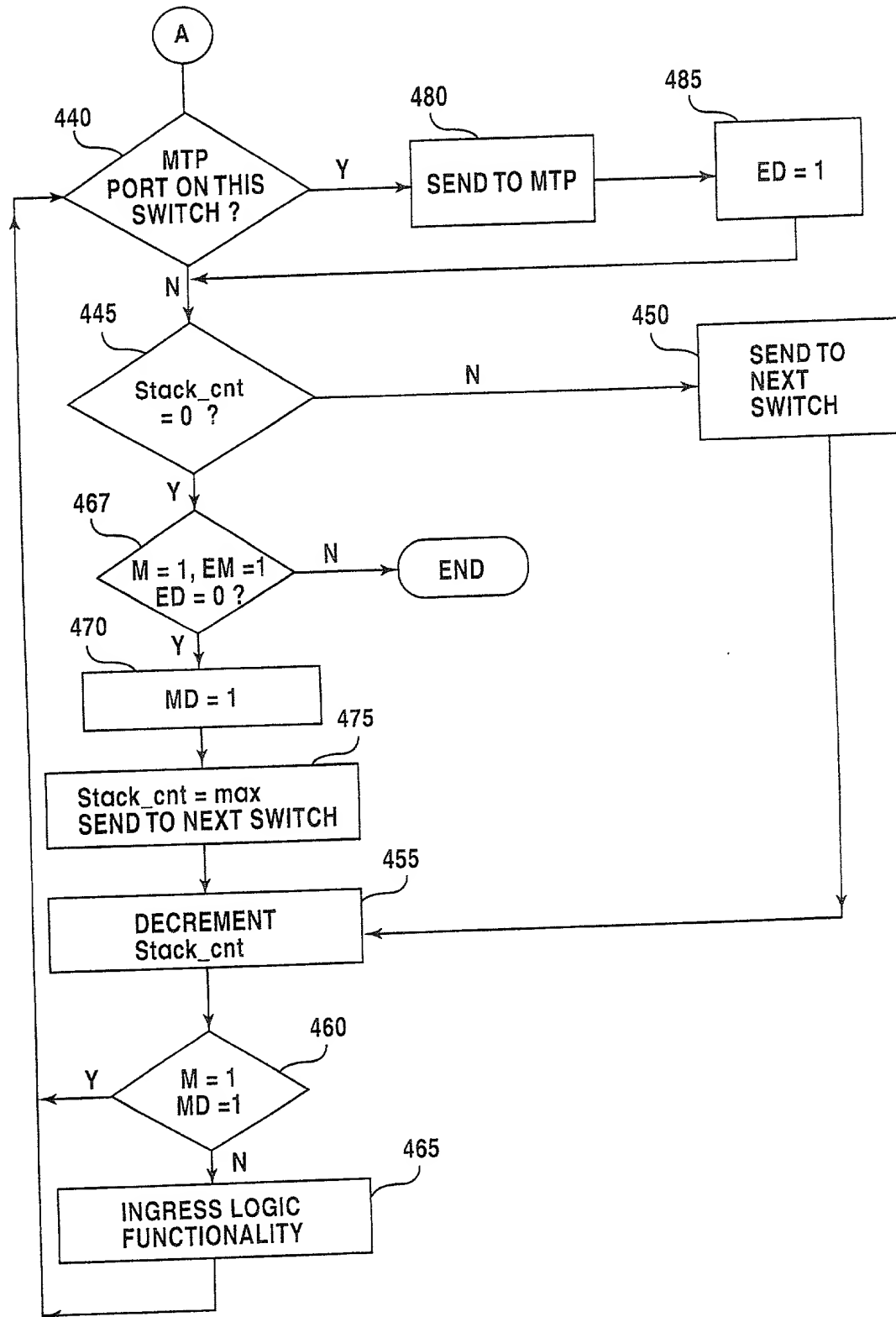


FIG.29G

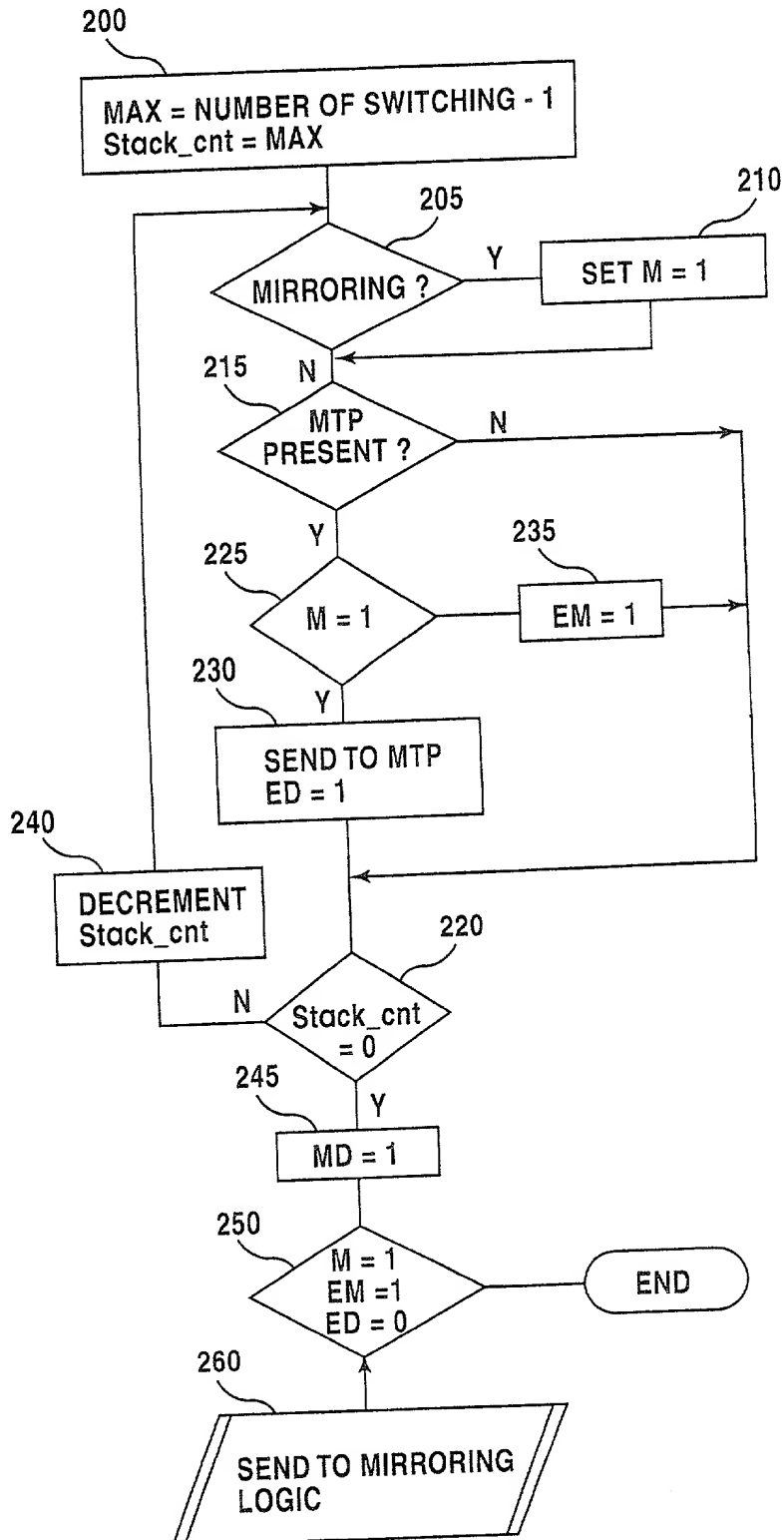


FIG.29H

1	5	23	24	25	26	32
Stack_cnt		M	MD	EM	ED	

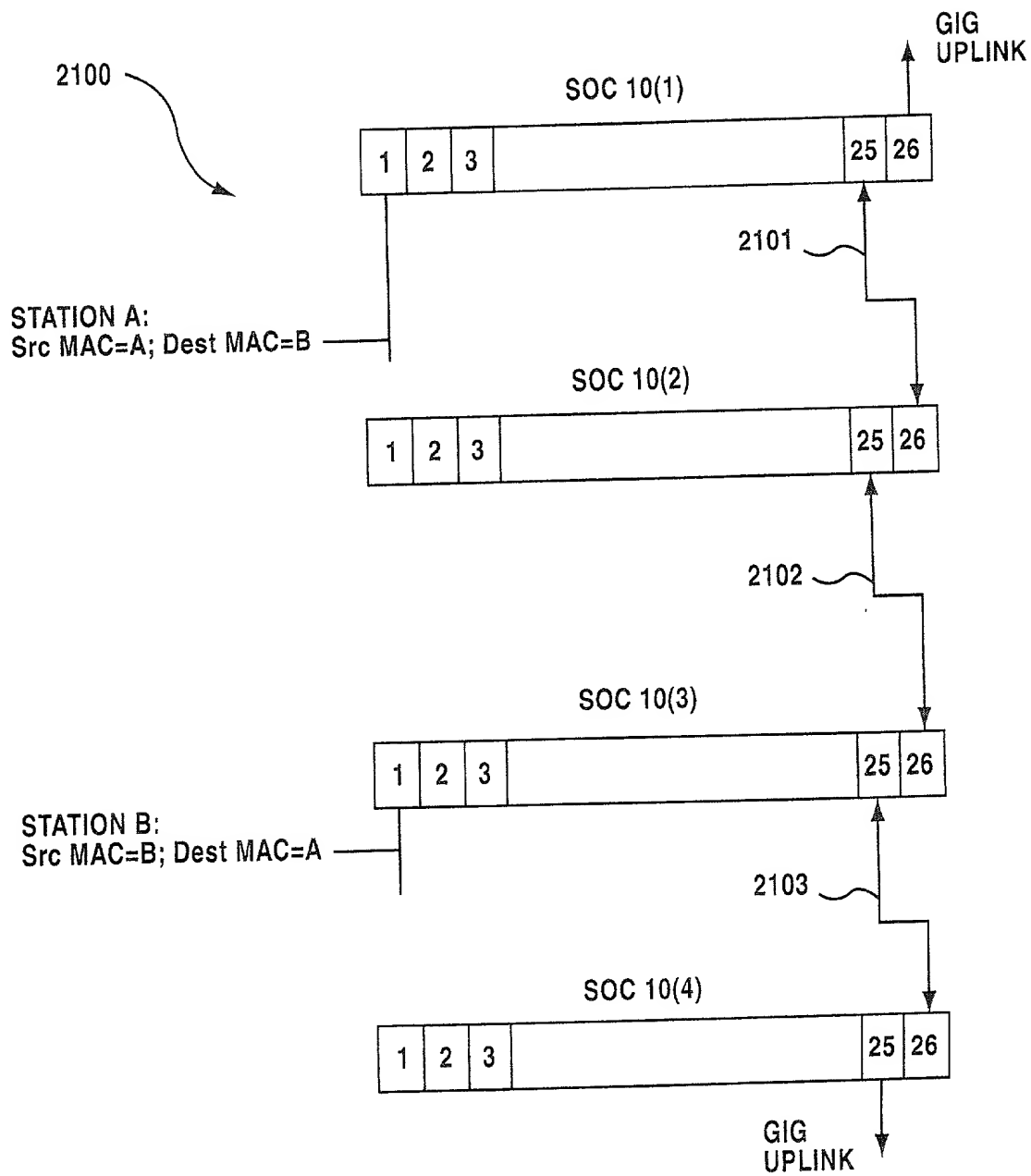
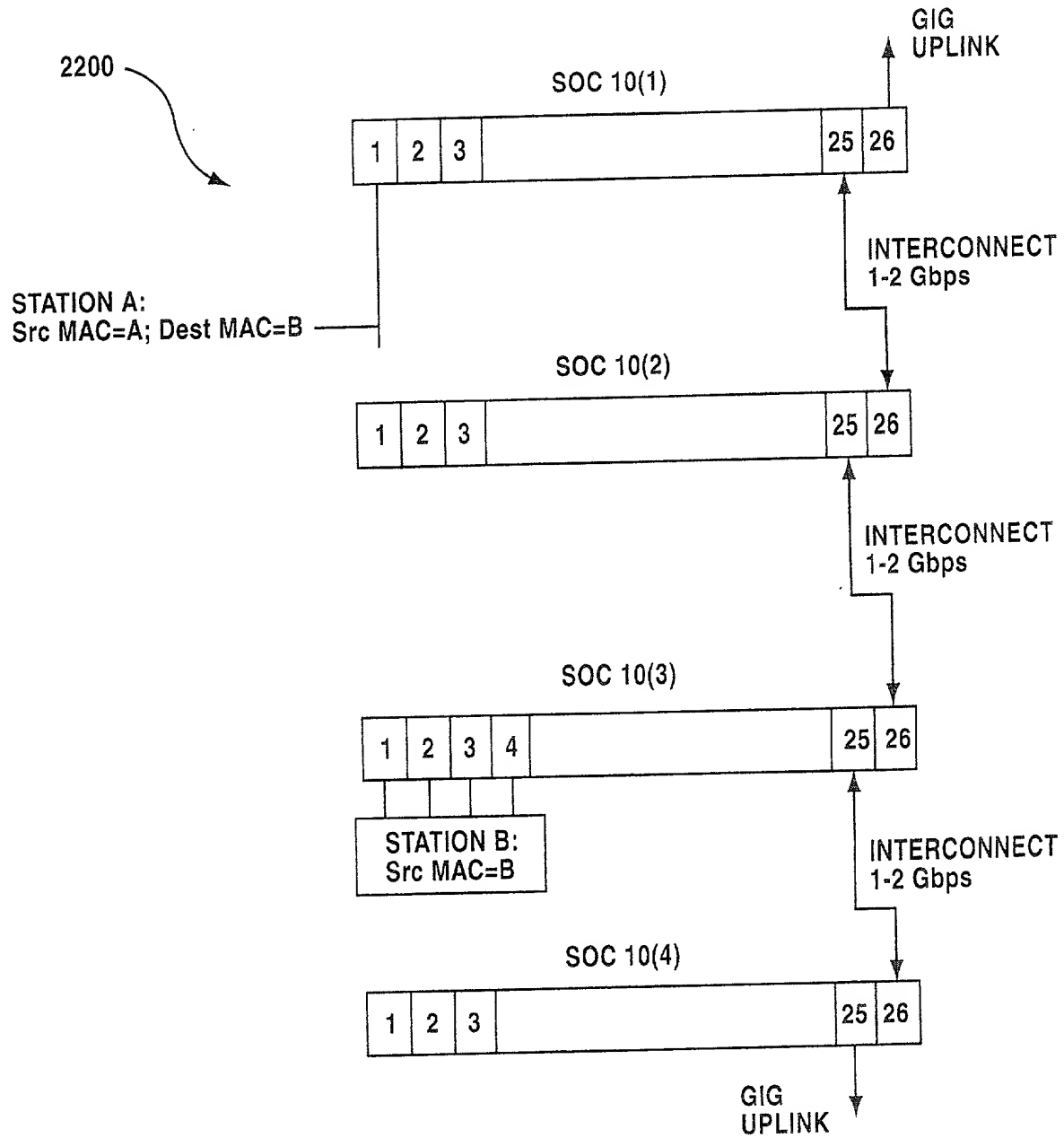


Fig.31



**Fig.32A**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
1	A	1	0	X	X
25	B	1	1	2	2

**Fig.32B**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
25	B	1	1	2	2

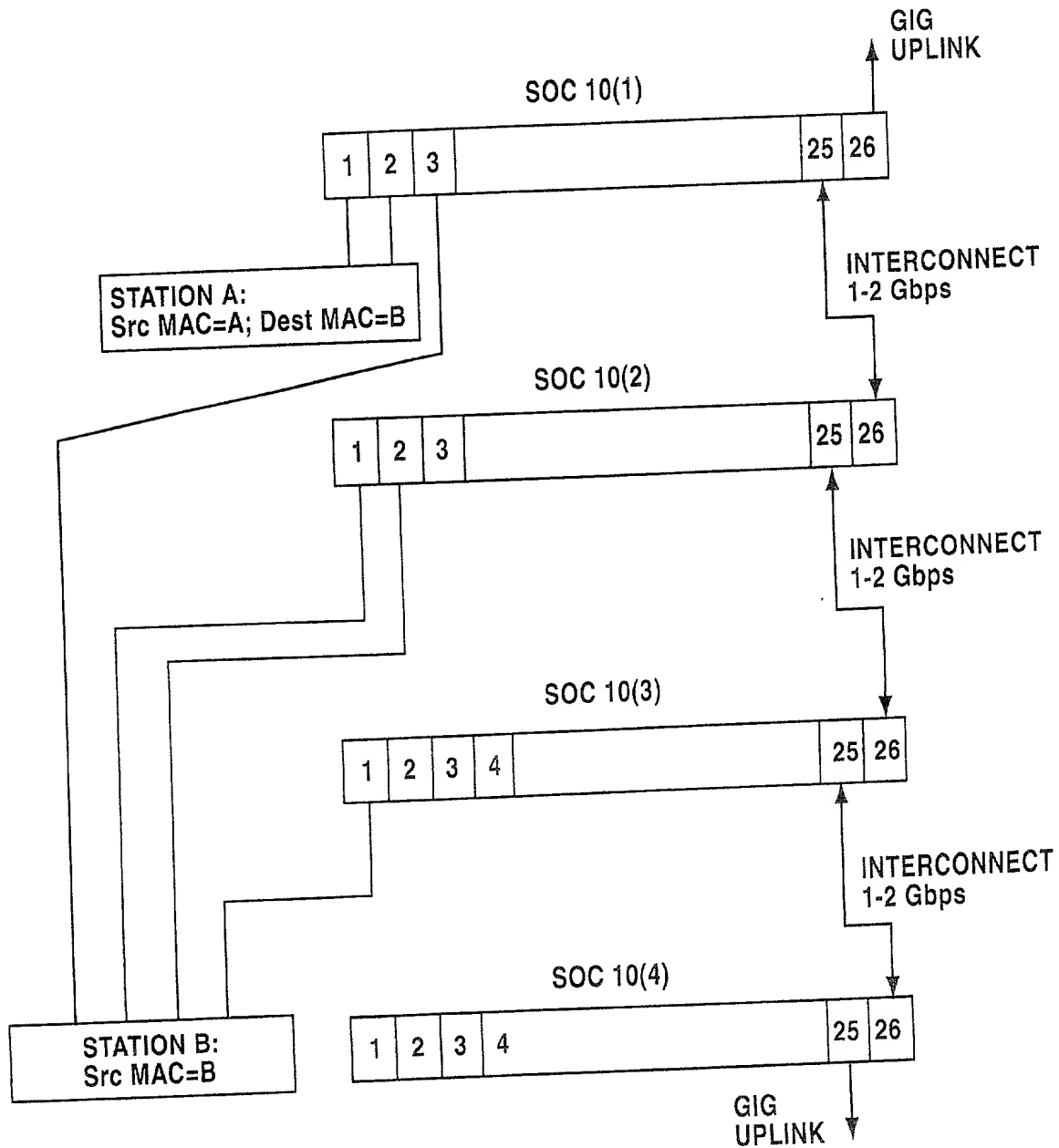
**Fig.32C**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X
1	B	1	1	2	2

**Fig.32D**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	0	X	X

Fig.33





**Fig.34B**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	1	1	1
25	B	1	1	2	2

**Fig.34D**

PORT NUMBER	MAC ADDRESS	VLAN ID	T	TGID	RTAG
26	A	1	1	1	1

Fig.35

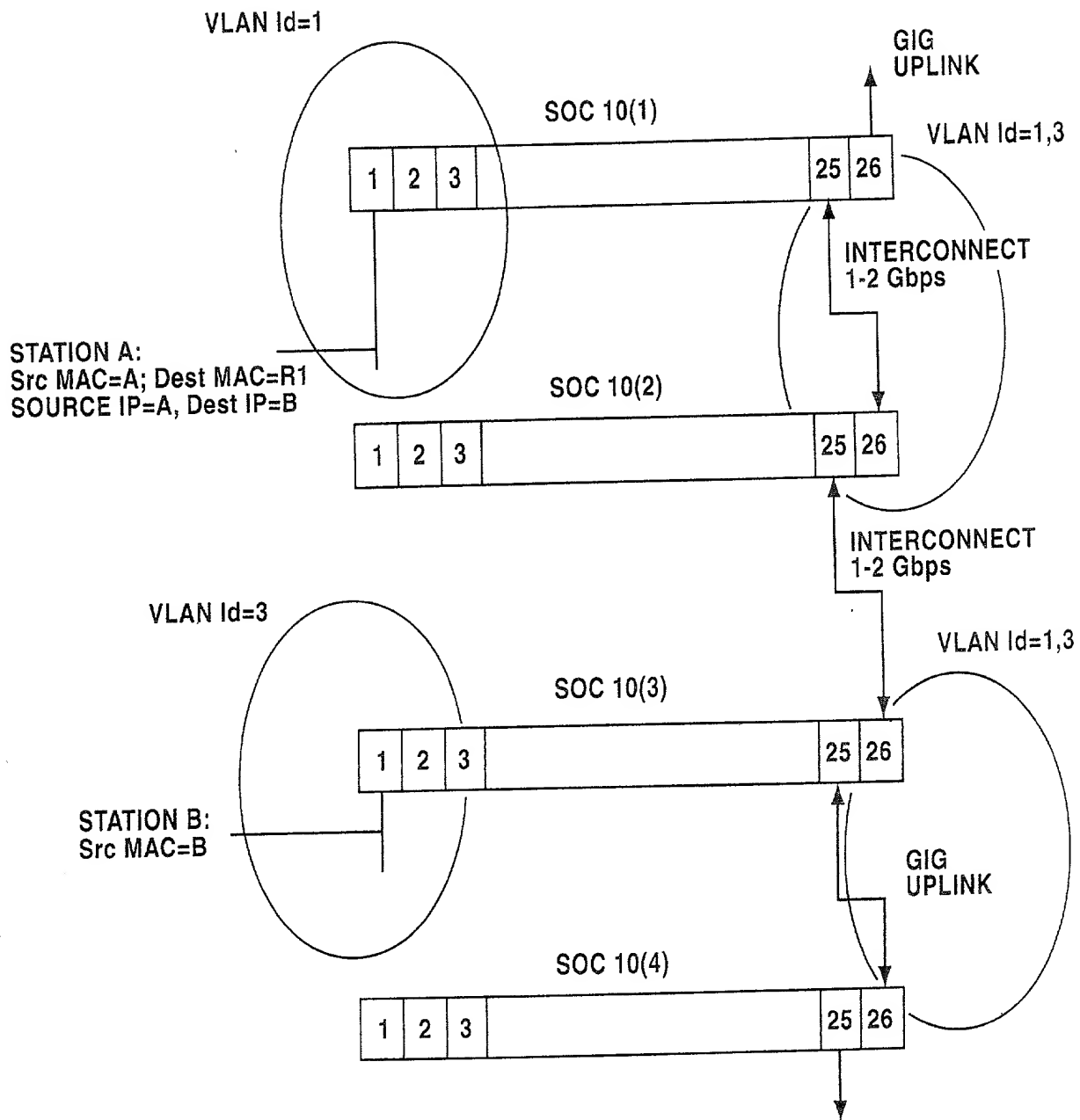


Fig.36

TRUNK GROUP TABLE FOR SW1:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
2	25	25	25	25	X	X	X	X	4

TRUNK GROUP TABLE FOR SW2:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
2	25	25	25	25	X	X	X	X	4

TRUNK GROUP TABLE FOR SW3:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
2	1	2	3	4	X	X	X	X	4

TRUNK GROUP TABLE FOR SW4:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
2	26	26	26	26	X	X	X	X	4

T0E80-44602600

Fig.37

TRUNK GROUP TABLE FOR SW1:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
1	1	2	X	X	X	X	X	X	2
2	25	25	25	3	X	X	X	X	4

TRUNK GROUP TABLE FOR SW2:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
1	26	26	X	X	X	X	X	X	2
2	25	1	2	26	X	X	X	X	4

TRUNK GROUP TABLE FOR SW3:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
1	26	26	X	X	X	X	X	X	2
2	1	26	26	26	X	X	X	X	4

TRUNK GROUP TABLE FOR SW4:

TGID	TP0	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TG SIZE
1	26	26	X	X	X	X	X	X	2
2	26	26	26	26	X	X	X	X	4

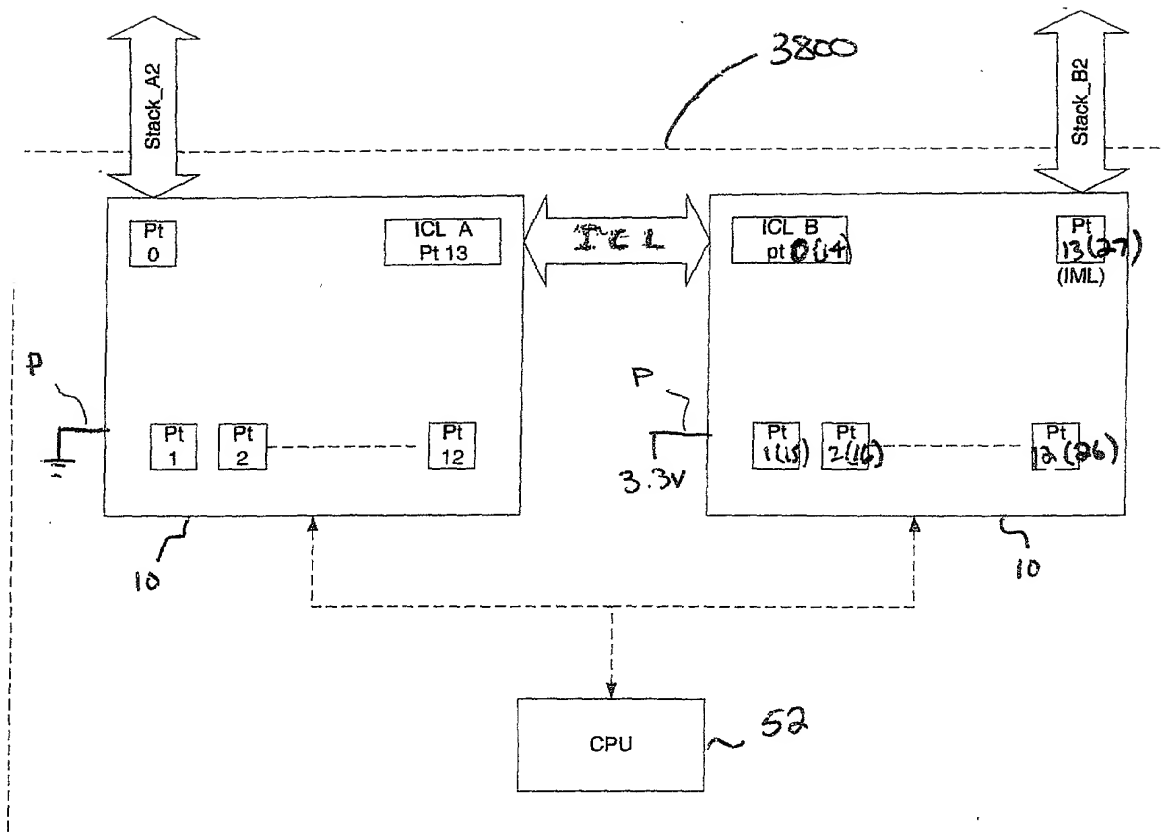


Figure 38

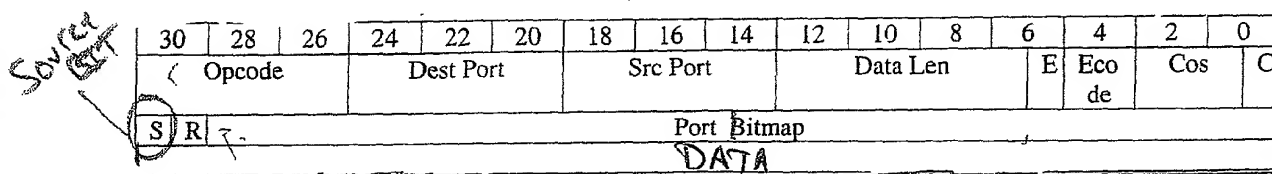
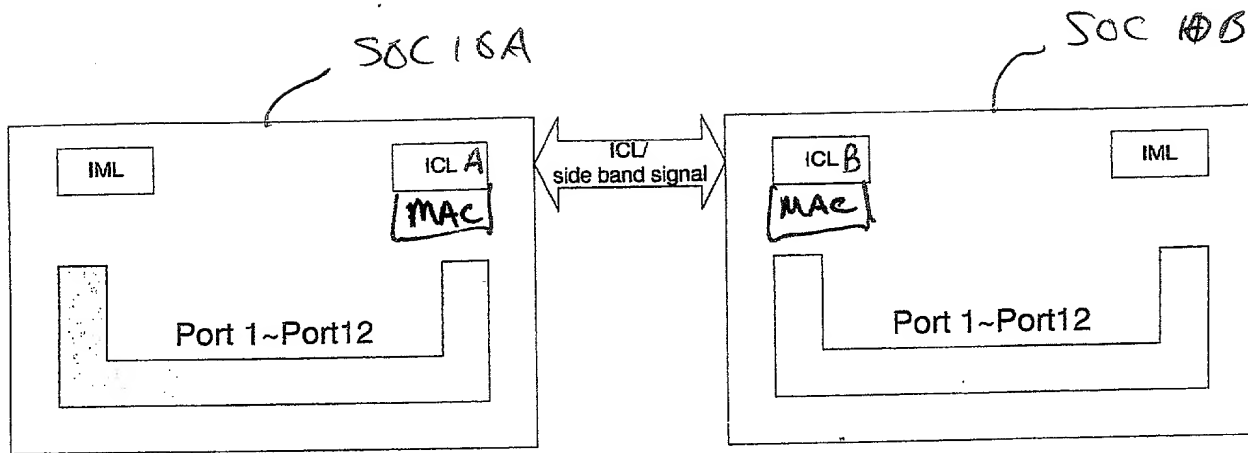
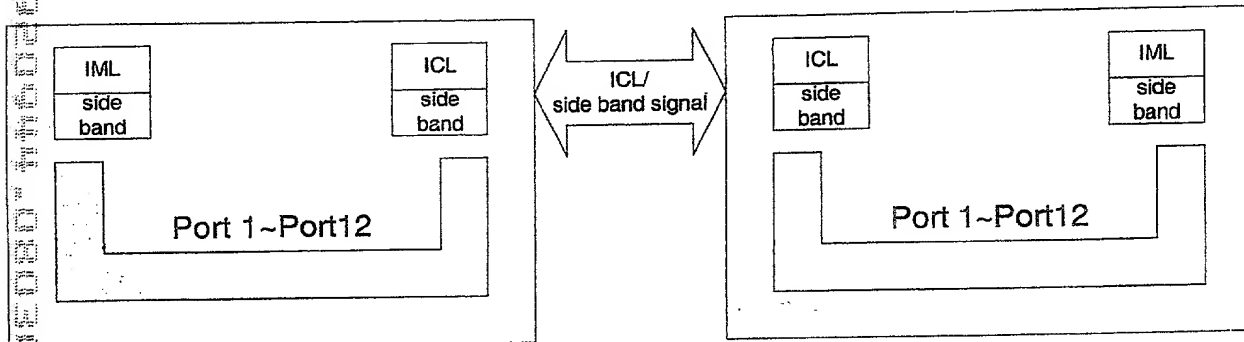


Figure 39



using MAC control frame scheme

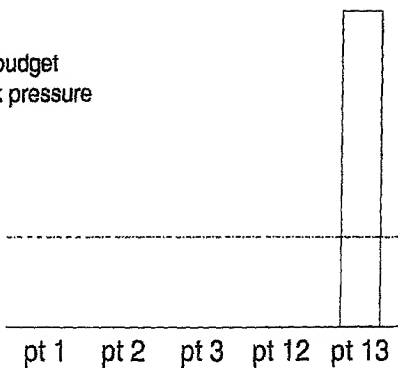
figure 40



using side band signal

figure 41

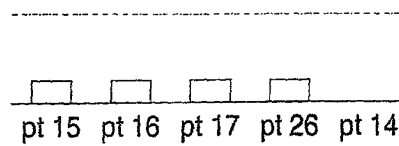
Rx budget  
for back pressure



SOC 10A

Fig 43A

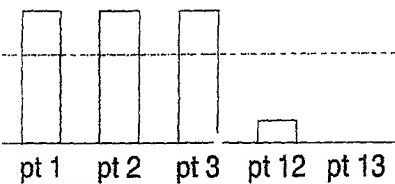
Rx budget  
for back pressure



SOC 10B

Fig 43B

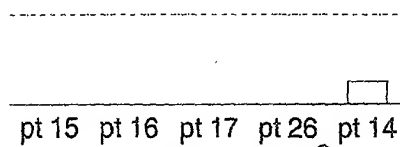
cell count/pkt count  
for COS/HOL



SOC 10A

Fig 43C

cell count/pkt count  
for COS/HOL



SOC 10B

Fig 43D

TOP SECRET

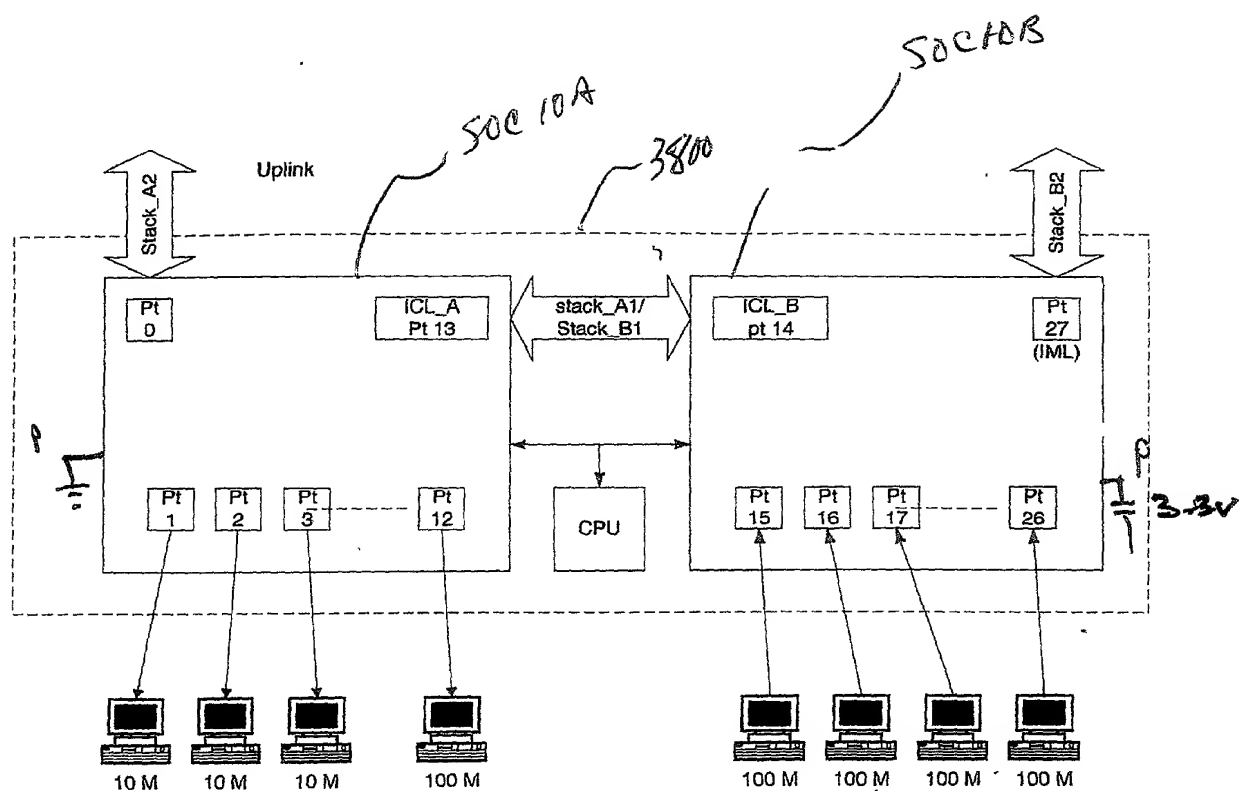


Figure 4a



Point	Number of People
pt 1	10
pt 2	10
pt 3	10
pt 12	5
pt 13	5

Point	CS/HOL	CS/NOI
pt 15	0	0
pt 16	0	0
pt 17	0	0
pt 26	0	0
pt 14	10	0

SOC + DB

figure 44 d

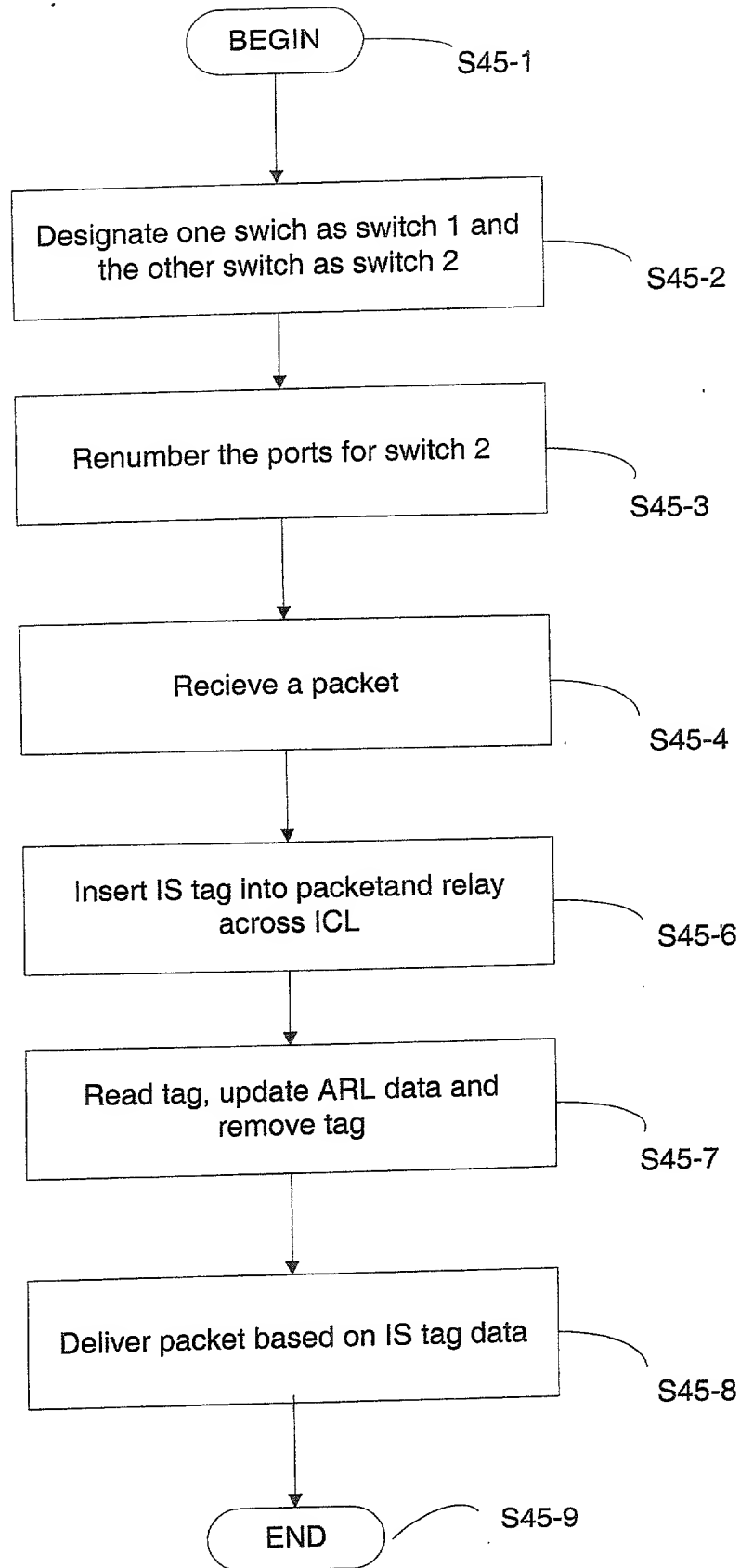
[illegible]

FIG. 45

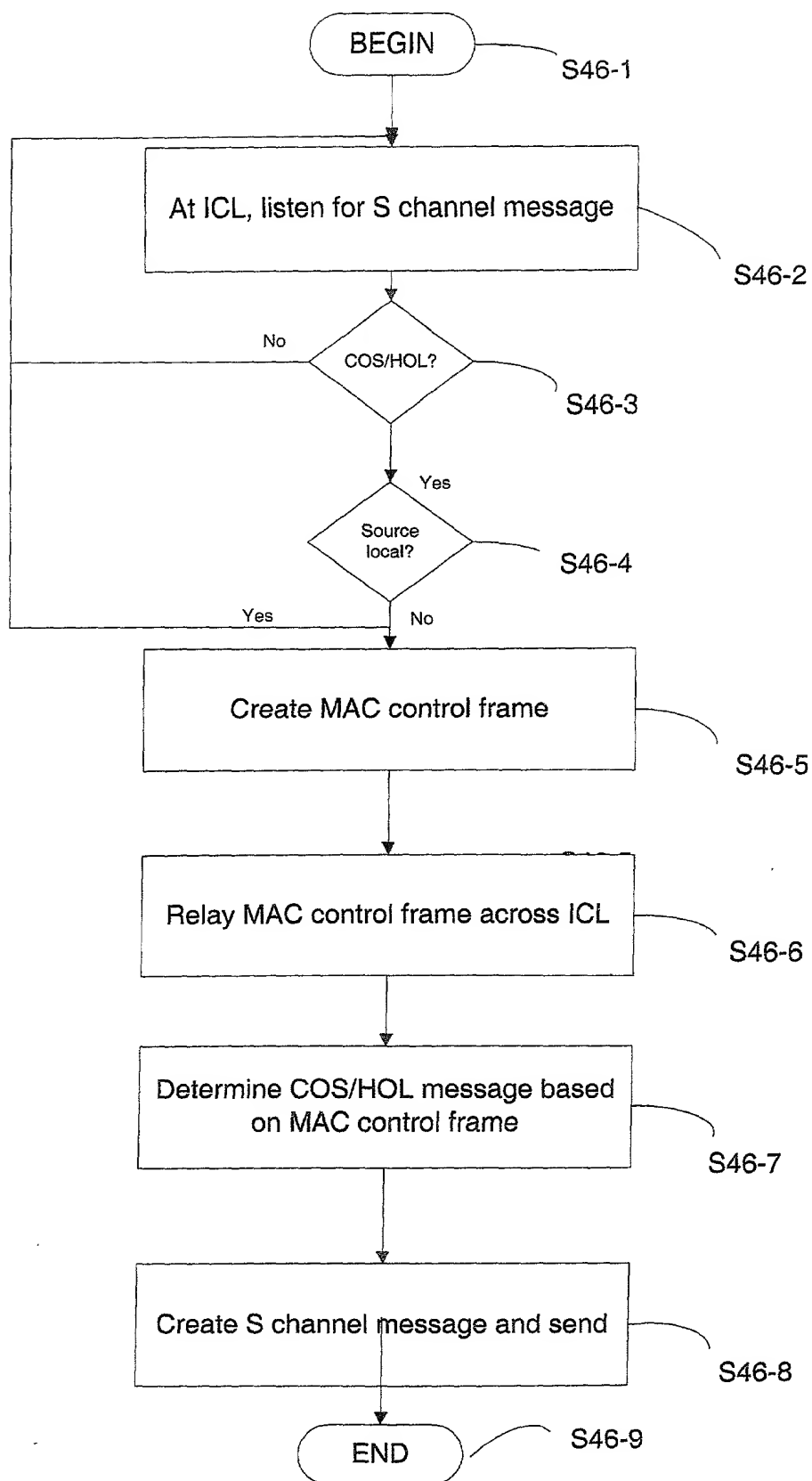


FIG. 46

